



CITY OF STOKE-ON-TRENT



ANNUAL REPORT

ON THE WORK OF THE
PUBLIC HEALTH DEPARTMENT
1949

A. WOTHERSPOON, M.B., Ch.B., D.P.H.
Medical Officer of Health




CITY OF STOKE-ON-TRENT

ANNUAL REPORT

ON THE WORK OF THE
PUBLIC HEALTH DEPARTMENT
1949

A. WOTHERSPOON, M.B., Ch.B., D.P.H.
Medical Officer of Health



Digitized by the Internet Archive
in 2018 with funding from
Wellcome Library

<https://archive.org/details/b30139600>

INDEX

| | PAGE |
|--|--|
| Acute Anterior Poliomyelitis | 24 |
| Acute Encephalitis Lethargica and Acute Polio Encephalitis | 24 |
| Adoption of Children | 44 |
| Ambulance Service | 51, 52 |
| Ante-Natal Clinic | 44 |
| Area and Population | 13, 14 |
| Ashbins | 56 |
| Area of District | 13, 14 |
| Bacteriology | 25 |
| Bagnall Sanatorium | 29, 30 |
| Bakehouses | 89 |
| Births | 15 |
| Births—Illegitimate | 15, 46, 47 |
| Births—Notification of | 42 |
| Cancer | 26 |
| Canal Boats, Inspections, &c. | 66, 67 |
| Cafes | 89 |
| Carcases, etc., Examined | 87 |
| Census, 1911, 1921, 1931 | 13 |
| Cerebro-Spinal Fever | 24 |
| Child Welfare Centres | 43 |
| Cheshire Joint Scheme | 29, 30 |
| Clearance Areas | 60 |
| Closet Accommodation | 57 |
| Common Lodging House | 56, 57 |
| Complaints received | 54 |
| Control of Civil Building | 61 |
| Convalescent Treatment | 50 |
| Conversions | 57, 58 |
| Cowsheds | 81 |
| Dairies | 81 |
| Day Nurseries | 45 |
| Deaths | 19 |
| Deaths—Principal causes of | 19 |
| Deaths—from Principal Zymotic Diseases | 20 |
| Deaths assigned to Pregnancy or Child-Birth | 44, 45 |
| Demolition Orders | 60 |
| Dental Treatment | 44 |
| Diphtheria | 23 |
| Diphtheria Immunisation | 25 |
| Disinfection | 67 |
| Disinfestation | 67 |
| Dispensary Tuberculosis | 28, 29 |
| Domestic Helps | 47 |
| Drainage—Inspection of | 55 |
| Dysentery | 24 |
| Encaphalitis Lethargica | 24 |
| Erysipelas | 24 |
| Factories—Sanitary accommodation | 64, 65, 66 |
| Fat Melters and Extractors | 89 |
| Fertilisers and Feeding Stuffs Act, 1926 | 78 |
| Food Hygiene | 91 |
| Food and Drugs Acts | 68, 69, 70, 71, 72, 73, 74, 75, 76, 77 |
| Foods—other | 89 |
| Fried Fish Shops | 89 |
| Food Shops | 89 |
| Gut Scrapers | 89 |
| Health Visiting | 42, 43 |
| Health Committee | 9 |
| Hide and Skin Yards | 89 |
| Housing | 58, 59, 60 |
| Home Nursing | 49, 50 |

INDEX—continued.

| | PAGE |
|--|----------------------------|
| Ice-Cream Shops | 78 |
| Illegitimate Births | 15, 46, 47 |
| Immunisation—Diphtheria and Whooping Cough | 25 |
| Infant Welfare Centres—Attendances at | 43 |
| Infantile Mortality | 40, 41, 42, 43 |
| Infectious Diseases | 23, 24, 45 |
| Influenza | 24 |
| Inhabited Houses | 13 |
| Inspection of Drainage Work | 55 |
| Introduction | 7, 8 |
| Industrial Canteens | 89 |
| Knackers Yards | 89 |
| Laboratory Work | 25 |
| Lead Poisoning | 26 |
| Legal Proceedings | 56, 90 |
| Lodging House | 56, 57 |
| Malaria | 24 |
| Margarine Dealers—Registration of | 77 |
| Marine Stores | 56, 57 |
| Maternity and Child Welfare | 39 |
| Maternal Mortality | 44, 45 |
| Measles | 50 |
| Meat and Food Inspection | 82, 83, 84, 85, 86, 87, 88 |
| Mental Deficiency Acts | 35, 36 |
| Mental Deficiency | 36, 37 |
| Mental Health | 34, 35, 36, 37, 38 |
| Mental Welfare Workers (Training) | 38, 39 |
| Midwives Acts, 1936 | 39, 40 |
| Milk Analysis | 78, 79, 80, 81 |
| Milk, Preservatives in | 73, 74, 75, 76, 77 |
| Milk Supply | 78, 79, 80, 81 |
| Milk and Dairies Acts & Orders | 79 |
| Mothers—Death of from Child-birth | 44, 45 |
| Meningitis | 24 |
| Natural Increase | 19 |
| Notification of Births | 42 |
| Notices, served | 56, 57 |
| Nuisances dealt with | 54, 55 |
| Nurseries | 45 |
| Offensive Trades | 89 |
| Ophthalmia Neonatorum | 45, 46 |
| Other Foods | 88 |
| Overcrowding | 61 |
| Occupation Centre | 38 |
| Outworkers | 65 |
| Pails | 57, 58 |
| Pemphigus Neonatorum | 50 |
| Pneumonia | 24 |
| Pleurisy | 26 |
| Population | 13, 14 |
| Preservative in Milk, Butter, etc. | 73, 74, 75, 76, 77 |
| Premature Infants | 48, 49 |
| Privies, Conversion of | 57, 58 |
| Puerperal Sepsis, etc. | 45 |
| Public Conveniences | 56 |
| Public Swimming Baths | 81 |

INDEX—continued.

| | PAGE |
|---|--------------------|
| Rainfall, Register of | 92 |
| Rag Flock Act | 77 |
| Rateable Value | 15 |
| Rats and Mice (Destruction) Act, 1919 | 67, 68 |
| Refuse Disposal | 52 |
| Refuse Collection | 52 |
| Registration of Margarine Dealers and Butter Factories | 77 |
| Rent Restrictions Act | 61 |
| Respiratory Diseases | 26 |
| Salvage | 53 |
| Sanitary Defects found and dealt with | 53, 54, 55 |
| Sanitary Inspection of the District | 53, 54, 55 |
| Scarlet Fever | 23 |
| Schools | 24, 56 |
| School Closures | 24 |
| Sewer Infestation | 68 |
| Smallpox | 24 |
| Smoke Nuisance | 61, 62, 63 |
| Staff | 10, 11, 12 |
| Stanfield Sanatorium | 29, 30 |
| Still-births | 15, 47, 48 |
| Street Cleansing | 53 |
| Surgical Tuberculosis | 30, 31 |
| Swimming Baths, Public | 81 |
| Tripe Boilers | 89 |
| Tuberculosis | 26, 27, 28, 30, 31 |
| Tuberculosis (other Forms) | 27 |
| Theatres, Music Halls.. .. . | 56 |
| Travelling Exhibition | 91 |
| Typhoid and Para-Typhoid Fever | 23 |
| Urinals—Public | 56 |
| Vaccination | 34 |
| Venereal Diseases | 31, 32, 33 |
| Vital Statistics.. .. . | 16 |
| Water Supply and Analysis | 91, 92 |
| Whooping Cough | 50 |
| Whooping Cough Immunisation | 25 |
| Workplaces | 64 |
| Zymotic Diseases—Deaths from Principal | 20 |
| Area, Population and Persons per Acre in existing Wards | Table No. 1 .. 14 |
| Vital Statistics.. .. . | Table No. 2 .. 16 |
| Number of Births, Birth Rate, Number of Deaths, Death Rate and Infantile Mor- tality Rate in each of the 28 Wards | Table No. 3 .. 17 |
| Birth Rate, Death Rate and Infantile Mortality Rate since Federation | Table No. 4 .. 18 |
| Vital Statistics for Stoke-on-Trent, 126 Large Towns, and England and Wales, and Natural Increase for Stoke-on-Trent for 5 years | Table No. 5 .. 19 |
| Causes of and Ages at Death during 1947 | Table No. 6 .. 21 |
| Cases of Infectious Diseases notified during 1949 | Table No. 7 .. 22 |
| Infantile Mortality occurring in the City, 1949 | Table No. 8 .. 41 |

CITY OF STOKE-ON-TRENT.

PUBLIC HEALTH DEPARTMENT.

*To the Lord Mayor, Aldermen and Councillors of the
City of Stoke-on-Trent.*

LADIES AND GENTLEMEN,

I have the honour to present to you my Annual Report for the year, 1949.

The estimated civil population at the middle of the year was 274,500 an increase of 900 as compared with the previous year.

The Birth Rate is lower, being 18.7 as compared with 20.0 the previous year. That for the large towns was 18.7 compared with 20.0 last year.

The Death Rate is 11.5 being 0.8 higher than last year. The rate for the large towns was 12.5 or 0.9 higher than in 1948.

The Infantile Rate was 34 compared to 42 for last year and 61 for 1947, this is the lowest ever in Stoke-on-Trent.

The Maternal Mortality Rate is higher being 1.51 compared with 0.54 per thousand total births. There were 8 deaths compared with 3 in 1948.

No death occurred from Scarlet Fever during the year although 465 cases were notified. The percentage of cases removed to Hospital is steadily declining.

Again there was one death from Diphtheria.

The need for immunisation at an early age is as urgent as ever. Special Clinics are being held each week. The School Medical Staff is also co-operating, and many of the Departments have now a percentage immunised of over 90.

The number of deaths from Gastro Enteritis was 13.

There were twenty-one cases of Acute Anterior Poliomyelitis notified, of which fourteen were confirmed, and there were two deaths.

The deaths from Pulmonary Tuberculosis were 156 an increase of 6 over 1948.

Cancer deaths show an increase on last year, 533 compared with 503 in 1948, and 477 in 1947. The number of deaths from Cancer is steadily increasing.

Influenza caused 65 deaths compared with 9 in 1948.

Organic Heart Disease caused 976 deaths, an increase of 80 over 1948.

I wish to thank the Chairman and all Members of my Committee for their assistance, and the staff for their loyal help during the past year.

I am, Ladies and Gentlemen,

Your obedient Servant,

ALLAN WOTHERSPOON,

Medical Officer of Health.

PUBLIC HEALTH DEPARTMENT,

STOKE-ON-TRENT.

NOVEMBER, 1950.

Health Committee at December, 1949.

CHAIRMAN—Alderman (Mrs.) A. L. Barker, J.P.

VICE-CHAIRMAN—Councillor Rev. A. Perry.

Alderman A. Hollins, J.P.

Alderman H. Leason, J.P.,
A.M.I.E.E.

Alderman (Mrs.) B. E. Meakin,

Alderman A. P. Spark, J.P.,
M.B. Ch.B., O.St.J.

Alderman (Mrs.) H. Slater,

Alderman G. J. Timmis,
O.B.E., J.P.

Councillor W. Bailey,

Councillor L. Bridgett,

Councillor W. Briscoe,

Councillor S. Capewell,

Councillor G. N. Cooke,

Councillor W. J. Eardley,

Councillor (Mrs.) F. Jones,

Councillor J. Green,

Councillor W. P. McGough, J.P.

Councillor G. U. Meir,

Councillor J. Moulton,

Councillor W. T. Pemberton,
F.Inst.T.A.

STAFF OF THE PUBLIC HEALTH DEPARTMENT.

Medical Officer of Health,

ALLAN WOTHERSPOON, M.B., Ch.B., D.P.H.

Maternity and Child Welfare Officer,

ELIZABETH J. FINDLAY, M.D., D.P.H.

Assistant Maternity and Child Welfare Officers,

EILEEN M. RING, M.B., B.Ch., B.A.O., N.U.T.

ETHELING HINGSTON, B.A., M.B., B.Ch., B.A.O.

(*Appointed 9-5-49, Resigned 17-12-49*).

Chief Sanitary Inspector,

D. HURST, Cert. R.S.I., Cert. Meat Insp.

Deputy Chief Sanitary Inspector,

WM. A. EDGE, Cert. R.S.I., Cert. Meat Insp.

Senior Smoke and Factory Inspector,

J. NICKLIN, Cert. R.S.I., Cert. Meat Insp.

(*Resigned 29-9-49*).

S. HODGKINSON, Cert. R.S.I., Cert. Meat Insp.

(*Appointed 1-11-49*).

Assistant Smoke and Factory Inspector,

S. HODGKINSON, Cert. R.S.I., Cert. Meat Insp.

(*Promoted 31-10-49*).

Senior Housing Inspector,

C. STUBBS, Cert. R.S.I., Cert. Meat Insp.

Assistant Rodent Officer,

F. TAYLOR, Cert. R.S.I., Cert. Meat Insp.

District Sanitary Inspectors,

G. E. EARNshaw, Cert. R.S.I., Cert. Meat Insp. ; R. G. WHISTON, Cert. R.S.I., Cert. Meat Insp. ; R. J. LEESE, Cert. R.S.I., (*transferred 31-3-49*), Cert. Meat Insp. ; E. W. FOSKETT, (*Transferred 30-11-49*), Cert. R.S.I., Cert. Meat Insp. ; R. COLLIER, Cert. R.S.I., Cert. Meat Insp. ; L. C. COOPER, Cert. R.S.I., Cert. Meat Insp. ; R. SAMBROOK, Cert. R.S.I., (*Resigned 26-1-49*) ; D. N. DUNLOP, Cert. R.S.I. ; R. CROSBIE, Cert. R.S.I. ; N. GADD, Cert. R.S.I. ; J. A. LOFTHOUSE, Cert. R.S.I., (*Appointed 9-5-49*) ; J. H. WILCOX, Cert. R.S.I., (*Appointed 9-5-49*) ; H. H. FORD, Cert. R.S.I., (*Appointed 8-6-49*) ; F. C. RYDING, Cert. R.S.I., (*Appointed 8-6-49*) ; D. ALLAN, Cert. R.S.I., (*Appointed 1-9-49*) ; R. TABBINOR, Cert. R.S.I., (*Appointed 1-9-49*).

Senior Meat and Food Inspector,

G. J. WOODHOUSE, Cert. R.S.I., Cert. Meat Insp.

Assistant Meat and Food Inspectors,

M. D. WATSON, Cert. R.S.I., Cert. Meat Insp. (*Resigned* 30-9-49).

B. D. ALLEN, Cert. R.S.I., Cert. Meat Insp.

E. W. FOSKETT, Cert. R.S.I., Cert. Meat Insp. (*Appointed* 1-12-49)

E. T. FAULKNER, Cert. R.S.I., (*Appointed* 1-1-49).

A. HOLMES, Cert. R.S.I., (*Appointed* 21-2-49).

H. MANSBRIDGE, Cert. R.S.I., (*Appointed* 14-3-49).

Detention Officers,

T. A. KIRKHAM. T. MACKRORY, (*Resigned* 12-4-49).

Senior Food and Drugs Inspector,

G. S. HANN, Cert. R.S.I., (*Resigned* 28-3-49).

H. PERRY, Cert. R.S.I., Cert. Meat Insp., (*Appointed* 1-4-49).

Assistant Food and Drugs Inspector,

N. PERRY, Cert. R.S.I., Meat Insp., (*Promoted* 31-3-49).

R. J. LEESE, Cert. R.S.I., Meat Insp., (*Appointed* 1-4-49).

Pupil Sanitary Cert. R.S.I. Inspectors,

D. B. MORRIS ; W. G. ALDRIGE.

Public Analyst,

A. HOULDBROOKE.

Senior Health Visitor,

E. R. CURREN.

Health Visitors,

L. MAYER, E. A. JOLLEY, S. A. TIDESWELL, G. WILKINSON, (*Resigned* 16-12-49), S. CORDON, E. DAY, E. RATCLIFFE, E. BULLOCK, (*Resigned* 16-3-49), D. CLATWORTHY, (*Resigned* 16-3-49), M. M. BYRNE, W. V. PITT, E. M. SLACK, J. DOWNING, (*Resigned* 30-9-49), W. BURGESS, D. M. BROWN, N. FRADLEY, M. JONES, E. C. EVANS, D. COLTAN, (*Appointed* 9-5-49), A M MELLOR, (*Appointed* 9-5-49).

Supervisor of Midwives,

E. S. CHAINEY, (*Appointed* 1-4-49).

Assistant Supervisor of Midwives,

C. DOWN, (*Appointed* 10-9-49).
and 35 Municipal Midwives.

Supervisor of Day Nurseries,
F. WHITBY.

Superintendent of Home Nursing,
G. M. IRONSIDE,
23 Home Nurses.

Ambulance Officer,
F. E. S. JONES,

Mental Health Service,
Senior Authorised Officer,
T. W. POOLE.

Authorised Officers,
G. BRUNT, E. G. MOUNTFORD, F. G. WILLIAMSON.

Supervisor, Occupation Centre,
MISS M. EDGE RILEY.

Chief Clerk,
H. R. TOPHAM.

Clerical Staff,

F. SCHOLES, C. EMERY, H. BURSLEM, R. SHACKLETON, R. TABBINER, (*Resigned* 31-8-49), J. A. B. MCNEAL, D. J. OWEN, A. BAGNALL, M. MAITLAND, E. TABBINER, (*Resigned* 30-9-49), G. J. EDWARDS, M. BOULTON, I. C. JONES, C. N. HAMMERSLEY, C. M. GUNN, J. W. BRERETON, (*Appointed* 14-11-49), J. R. GRIFFITHS, (*Appointed* 31-11-49), P. M. CORNES, (*Appointed* 10-2-49), M. A. BOLT, (*Appointed* 19-9-49).

AREA AND POPULATION.

The City is 21,190 acres in area. It is 10 miles long, and in no part more than 5 miles wide. About 150 acres are covered with water.

The Registrar General gives the civilian population of the City as 274,500 at the middle of 1949. This figure is an increase of 900 on the figure supplied by the Registrar General for the previous year.

The populations at the Census periods were as follows :—

| | Census 1911 | Census 1921 (Extended Area) | Census 1931 | Middle of 1949 |
|---|----------------|--------------------------------------|----------------|-------------------|
| TUNSTALL | 27,390 | 27,791 | 27,890 | 25,650 |
| BURSLEM | 41,566 | 42,462 | 43,368 | 38,700 |
| HANLEY | 66,255 | 67,876 | 66,199 | 54,240 |
| STOKE | 36,218 | 39,277 | 44,293 | 43,710 |
| FENTON | 25,626 | 26,718 | 26,154 | 22,490 |
| LONGTON | 37,479 | 42,629 | 44,297 | 51,140 |
| SMALLTHORNE, NORTON, BUCK- NALL, etc., Wards 27 and 28 | — | 20,894 | 24,438 | 38,570 |
| Totals | 234,534 | 267,647 | 276,639 | 274,500 |

The distribution of the population over the whole area at the time of the 1901 Census averaged 18.6 persons per acre, during the year 1911, 21.0 persons per acre, and in 1921, 22.0 persons per acre. The number of persons per acre for the extended City in 1931 was 13.05.

INHABITED HOUSES.

The number of inhabited houses at the Census of 1931 for the City was 58,687. The number of inhabited houses at the present time is estimated at 74,125.

During the year 1949, 799 houses were certified for habitation, in addition existing premises were converted to provide ten additional units of accommodation ; 783 houses were built by the Corporation, and 16 houses were built by private owners, and the conversions mentioned were carried out by private owners.

TABLE. 1—Areas, Population and Persons per Acre in Existing Wards.

| Ward | Acreages | Population at Census 1921 (Revised) | Population at Census 1931 | Population Middle of 1949 | No. of persons per acre |
|------|-----------|--|---------------------------------|---------------------------------|-------------------------------|
| 1 | 1,090.93 | 10,321 | 10,268 | 10,870 | 9.94 |
| 2 | 249.70 | 10,046 | 9,547 | 5,910 | 23.19 |
| 3 | 417.94 | 8,021 | 8,075 | 8,870 | 21.15 |
| 4 | 439.66 | 8,191 | 7,903 | 6,040 | 13.69 |
| 5 | 433.25 | 8,481 | 9,783 | 12,140 | 27.92 |
| 6 | 214.84 | 9,773 | 9,384 | 7,240 | 33.56 |
| 7 | 294.94 | 8,574 | 8,267 | 6,570 | 22.08 |
| 8 | 480.95 | 8,355 | 8,031 | 6,710 | 13.99 |
| 9 | 226.95 | 11,909 | 11,662 | 7,620 | 33.44 |
| 10 | 255.75 | 10,497 | 10,080 | 8,950 | 34.88 |
| 11 | 500.53 | 10,773 | 10,496 | 8,770 | 17.46 |
| 12 | 203.77 | 8,958 | 8,767 | 7,590 | 37.15 |
| 13 | 315.91 | 9,237 | 8,513 | 6,940 | 21.30 |
| 14 | 266.96 | 8,304 | 7,748 | 6,270 | 23.41 |
| 15 | 202.92 | 9,655 | 8,933 | 8,100 | 12.98 |
| 16 | 611.60 | 10,097 | 11,759 | 10,990 | 17.90 |
| 17 | 280.85 | 9,511 | 9,193 | 8,120 | 28.84 |
| 18 | 200.03 | 10,084 | 8,945 | 6,790 | 33.84 |
| 19 | 417.58 | 8,330 | 8,938 | 7,860 | 18.78 |
| 20 | 565.65 | 9,208 | 8,482 | 6,060 | 10.59 |
| 21 | 1,595.70 | 10,422 | 14,396 | 17,810 | 11.12 |
| 22 | 747.92 | 9,754 | 8,734 | 8,620 | 11.49 |
| 23 | 2,329.43 | 10,333 | 10,482 | 11,260 | 4.82 |
| 24 | 1,092.84 | 12,879 | 12,326 | 9,920 | 9.05 |
| 25 | 305.80 | 9,409 | 8,913 | 8,390 | 27.34 |
| 26 | 1,640.40 | 10,866 | 12,576 | 21,570 | 13.11 |
| 27 | 2,701.20 | 13,700 | 13,860 | 15,950 | 5.89 |
| 28 | 3,106.00 | 7,505 | 10,578 | 22,620 | 7.25 |
| | 21,190.00 | 273,238 | 276,639 | 274,500 | 12.91 |

RATEABLE VALUE.

The rateable value of the City for the purposes of the General Rate at 1st April, 1950 was £1,352,905, compared with £1,330,334 at 1st April, 1949.

BIRTHS.

There were 5,139 births registered and allotted to the City in 1949, giving a birth rate of 18.7 per 1,000 of the population.

The rate for the 126 large towns of England and Wales was 18.7 per thousand and for England and Wales 16.7.

The rate is 1.3 lower than in 1948.

The ratio of births of males to births of females during the year was 1,057 to 1,000. For the year 1948 the ratio was 1,068 males to 1,000 females.

The natural increase of population, that is, excess of births over deaths was 1,972. The previous year it was 2,514, a difference of 542 lives, the number of births registered being 321 less than in 1948, while the number of deaths was 221 more.

ILLEGITIMATE BIRTHS.

Of the total births, 215, or 4.18 per cent., were illegitimate, compared with 270, or 4.18 per cent., in the previous year.

STILL-BIRTHS.

Under the Notification of Births Act, all still-births must be notified to the Medical Officer of Health. 140 were notified during the year under the Act, and of these 45 were attended by midwives, 12 by medical men, and 83 took place in an institution.

The number registered during the 12 months ending 31st December was 143.

Taking the number of still-births that occurred in 1949 as 143, it is equal to 2.71 per cent. of the total births. In 1948 there were 159 still-births, equal to 2.83 per cent.

TABLE 2
Vital Statistics of Whole District during 1949 and previous years.

| Year | Population estimated to middle of each year | BIRTHS | | Total Deaths registered in the district | | Transferable Deaths | | Net Deaths belonging to the district | | |
|------|---|----------------------------|-------|---|------|--|---|--------------------------------------|--------------------------------|-------------|
| | | Un- corrected Number | Nett | Number | Rate | of Non- residents registered in the district | of Resi- dents not registered in the district | Under 1 yr. of age | Rate per 1000 net Births | At all ages |
| | | | | | | | | | | |
| | | | | | | | | Number | Number | Rate |
| 1945 | 251,410 | 5,523 | 4,965 | 3,320 | 13.2 | 442 | 115 | 250 | 2,993 | 11.9 |
| 1946 | 264,820 | 6,437 | 5,874 | 3,471 | 13.1 | 374 | 112 | 324 | 3,209 | 12.1 |
| 1947 | 270,200 | 6,876 | 6,360 | 3,551 | 13.1 | 400 | 126 | 391 | 3,277 | 12.1 |
| 1948 | 273,600 | 5,995 | 5,460 | 3,191 | 11.5 | 353 | 108 | 227 | 2,946 | 10.7 |
| 1949 | 274,500 | 5,653 | 5,139 | 3,558 | 12.9 | 506 | 165 | 175 | 3167 | 11.5 |

Area of District in acres (land and inland water), 21,190.

TABLE 3.

Showing the number of Births, Birth Rate, number of Deaths, Death Rate and Infantile Mortality Rate in each of the 28 Wards.

| WARD | | | No. of Births registered | Birth Rate | No. of Deaths registered | Death Rate | Infantile Mortality Rate |
|------------|----|-----|--------------------------------|---------------|--------------------------------|---------------|--------------------------------|
| 1 | .. | ... | 198 | 18.2 | 144 | 11.5 | 40 |
| 2 | .. | ... | 138 | 23.0 | 86 | 14.6 | 51 |
| 3 | .. | .. | 157 | 17.7 | 94 | 10.6 | 45 |
| 4 | .. | .. | 90 | 14.9 | 70 | 11.6 | 33 |
| 5 | .. | .. | 205 | 16.9 | 156 | 12.9 | 20 |
| 6 | .. | .. | 127 | 17.5 | 77 | 10.6 | 8 |
| 7 | .. | .. | 129 | 19.6 | 65 | 9.9 | 47 |
| 8 | .. | .. | 135 | 20.1 | 84 | 12.5 | 37 |
| 9 | .. | .. | 138 | 18.1 | 97 | 12.7 | 29 |
| 10 | .. | .. | 164 | 18.3 | 112 | 12.5 | 43 |
| 11 | .. | .. | 156 | 17.8 | 103 | 11.7 | 58 |
| 12 | .. | .. | 117 | 15.4 | 67 | 8.8 | 26 |
| 13 | .. | .. | 141 | 20.3 | 103 | 14.8 | 14 |
| 14 | .. | .. | 105 | 16.7 | 81 | 12.9 | 10 |
| 15 | .. | .. | 172 | 21.2 | 108 | 13.3 | 35 |
| 16 | .. | .. | 183 | 16.7 | 140 | 12.7 | 16 |
| 17 | .. | .. | 141 | 17.4 | 90 | 11.1 | 14 |
| 18 | .. | .. | 140 | 20.6 | 100 | 14.7 | 29 |
| 19 | .. | .. | 141 | 17.9 | 66 | 8.4 | 29 |
| 20 | .. | .. | 88 | 14.6 | 75 | 12.5 | 34 |
| 21 | .. | .. | 317 | 17.8 | 183 | 10.3 | 38 |
| 22 | .. | .. | 126 | 14.6 | 93 | 10.8 | 8 |
| 23 | .. | .. | 277 | 24.6 | 145 | 12.9 | 47 |
| 24 | .. | .. | 215 | 21.7 | 127 | 12.8 | 42 |
| 25 | .. | .. | 124 | 14.8 | 110 | 13.1 | 32 |
| 26 | .. | .. | 345 | 16.0 | 223 | 10.3 | 46 |
| 27 | .. | .. | 418 | 26.3 | 166 | 10.4 | 43 |
| 28 | .. | .. | 452 | 20.0 | 202 | 8.9 | 29 |
| Whole City | | | 5,139 | 18.7 | 3,167 | 11.5 | 34 |

TABLE 4.

Birth Rate, Death Rate, and Infantile Mortality Rate for the whole City since Federation.

| | Birth Rate | Death Rate | Infantile Mortality Rate |
|------|---------------|---------------|-----------------------------|
| 1910 | 32.5 | 17.1 | 149 |
| 1911 | 31.3 | 19.6 | 203 |
| 1912 | 31.2 | 15.9 | 128 |
| 1913 | 31.9 | 18.7 | 169 |
| 1914 | 31.6 | 17.4 | 144 |
| 1915 | 26.9 | 18.4 | 147 |
| 1916 | 23.9 | 16.8 | 126 |
| 1917 | 20.8 | 16.5 | 116 |
| 1918 | 22.3 | 20.3 | 111 |
| 1919 | 22.5 | 16.2 | 111 |
| 1920 | 30.9 | 12.8 | 98 |
| 1921 | 29.0 | 14.8 | 134 |
| 1922 | 25.9 | 14.3 | 115 |
| 1923 | 24.6 | 12.7 | 93 |
| 1924 | 23.7 | 13.5 | 101 |
| 1925 | 22.9 | 13.5 | 106 |
| 1926 | 21.7 | 12.5 | 101 |
| 1927 | 21.2 | 13.4 | 99 |
| 1928 | 19.6 | 11.7 | 87 |
| 1929 | 19.0 | 15.1 | 105 |
| 1930 | 19.9 | 11.7 | 70 |
| 1931 | 18.8 | 13.1 | 100 |
| 1932 | 17.2 | 12.1 | 88 |
| 1933 | 16.2 | 12.9 | 89 |
| 1934 | 16.7 | 11.7 | 85 |
| 1935 | 16.6 | 12.3 | 83 |
| 1936 | 16.8 | 12.4 | 74 |
| 1937 | 16.7 | 13.1 | 81 |
| 1938 | 16.4 | 11.3 | 52 |
| 1939 | 16.3 | 12.3 | 61 |
| 1940 | 17.0 | 13.2 | 61 |
| 1941 | 17.5 | 12.4 | 63 |
| 1942 | 18.9 | 11.9 | 49 |
| 1943 | 20.6 | 12.7 | 62 |
| 1944 | 21.4 | 11.6 | 51 |
| 1945 | 19.8 | 11.9 | 50 |
| 1946 | 22.2 | 12.1 | 55 |
| 1947 | 23.5 | 12.1 | 61 |
| 1948 | 20.0 | 10.7 | 42 |
| 1949 | 18.7 | 11.5 | 34 |

TABLE 5.—Vital Statistics compared with those of the 126 large Towns and England and Wales over a period of five years, and the Natural increase for Stoke-on-Trent.

| | Death Rate | | | Birth Rate | | | Infantile Mortality Rate | | | Natural Increase in Population, Stoke-on-Trent |
|------|----------------|-----------------|-------------------|----------------|-----------------|-------------------|--------------------------|-----------------|-------------------|--|
| | Stoke-on-Trent | 126 Large Towns | England and Wales | Stoke-on-Trent | 126 Large Towns | England and Wales | Stoke-on-Trent | 126 Large Towns | England and Wales | |
| 1945 | 11.9 | 13.5 | 11.4 | 19.8 | 19.1 | 16.1 | 50 | 54 | 46 | 1972 |
| 1946 | 12.1 | 12.7 | 11.5 | 22.2 | 22.2 | 19.1 | 55 | 46 | 43 | 2665 |
| 1947 | 12.1 | 13.0 | 12.0 | 23.5 | 23.3 | 20.5 | 61 | 47 | 41 | 3083 |
| 1948 | 10.7 | 11.6 | 10.8 | 20.0 | 20.0 | 17.9 | 42 | 29 | 31 | 2504 |
| 1949 | 11.5 | 12.5 | 11.7 | 18.7 | 18.7 | 16.7 | 34 | 37 | 32 | 1972 |

DEATHS.

The number of deaths registered in the City during the year 1949 was 3,558. This gives a death rate of 12.9 per 1,000 of the population. Of the total deaths, 1,703 occurred in public institutions in the district. If the deaths of non-residents which occurred in the district be excluded and the deaths of residents which occurred beyond the district be included the nett deaths belonging to the district is 3,167 (1,644 males and 1,523 females), and the death rate 11.5 per 1,000.

The death rate for the 126 large towns of England and Wales was 12.5 per 1,000 and for the whole of England and Wales, 11.7.

The death rate of 11.5 per 1,000 was 0.8 higher than that of 1948.

The death rate for the 126 large towns of England and Wales was 0.9 higher in 1949 than in 1948.

PRINCIPAL CAUSES OF DEATH.

| | 1949 | 1948 |
|---|------|------|
| Tubercular Diseases | 168 | 166 |
| Congenital Debility and Malformation, including Premature Birth | 109 | 126 |
| Bronchitis | 89 | 70 |
| Pneumonia | 141 | 142 |
| Organic Heart Disease | 976 | 896 |
| Cancer | 533 | 503 |
| Violence | 122 | 131 |
| Nephritis and Bright's Disease | 92 | 83 |
| Influenza | 65 | 9 |

DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.

| | | | | | | | 1949 | | 1948 |
|-------------------------|----|----|----|----|----|----|------|----|------|
| Smallpox | .. | .. | .. | .. | .. | .. | 0 | .. | 0 |
| Enteric | .. | .. | .. | .. | .. | .. | 0 | .. | 0 |
| Diphtheria | | .. | .. | .. | .. | .. | 1 | .. | 0 |
| Scarlet Fever | .. | .. | .. | .. | .. | .. | 0 | .. | 0 |
| Whooping Cough | | .. | .. | .. | .. | .. | 2 | .. | 11 |
| Measles | .. | .. | .. | .. | .. | .. | 1 | .. | 5 |
| Diarrhoea and Enteritis | | | .. | .. | .. | .. | 13 | .. | 38 |

TABLE 6.—Causes of, and Ages at Death during the year 1949.

| Causes of Death | Tunstall | Burslem | Hanley | Stoke | Fenton | Longton | Smallthorne, Norton, Bucknall etc. (Wards 27 & 28) | Net Deaths at the subjoined Ages of " Residents " whether occurring within or without the District | | | | | | | | | | Total Deaths whether of 'Residents' or 'Non- Residents' in Institu- tions in the district |
|---|----------|----------|----------|----------|----------|----------|--|---|-----------------|------------------|------------------|-------------------|--------------------|--------------------|--------------------|-------------------|-----------|---|
| | | | | | | | | All Ages | Under 1 year | 1 and under 2 | 2 and under 5 | 5 and under 15 | 15 and under 25 | 25 and under 45 | 45 and under 65 | 65 and upwards | | |
| All Causes { Certified .. { Uncertified | 344 — | 452 — | 670 — | 514 — | 233 — | 605 — | 369 — | 3167 — | 175 — | 20 — | 21 — | 28 — | 60 — | 234 — | 852 — | 1777 — | 1703 — | |
| Typhoid & Paratyphoid Fever | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Cerebro-Spinal Fever | — | 1 | — | — | — | 1 | 2 | 4 | 2 | — | — | — | 1 | 1 | — | — | 3 | |
| Scarlet Fever | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Whooping Cough | — | — | 1 | — | — | — | 1 | 2 | 1 | — | 1 | — | — | — | — | — | 3 | |
| Diphtheria | — | — | — | — | — | 1 | — | 1 | — | 1 | — | — | — | — | — | — | 1 | |
| Tuberculosis of Respira- tory System | 14 | 16 | 35 | 27 | 10 | 33 | 21 | 156 | — | 2 | — | — | 21 | 52 | 60 | 21 | 77 | |
| Other Tuberculosis Diseases | 2 | — | 2 | — | — | 5 | 3 | 12 | — | — | 4 | 3 | 1 | 1 | 3 | — | 12 | |
| Syphilitic Diseases | 7 | 3 | 7 | 2 | 2 | — | — | 21 | — | — | — | — | — | 4 | 7 | 10 | 15 | |
| Influenza | 11 | 10 | 16 | 9 | 5 | 6 | 8 | 65 | — | 1 | — | — | — | 2 | 12 | 50 | — | |
| Measles | — | — | — | — | — | 1 | — | 1 | — | 1 | — | — | — | — | — | — | 2 | |
| Acute Poliomyelitis and Polioencephalitis | 1 | — | — | — | — | 1 | — | 2 | — | — | 1 | 1 | — | — | — | — | 3 | |
| Acute Infectious Encephalitis | — | — | 2 | — | — | — | — | 2 | — | — | — | — | — | 1 | — | 1 | — | |
| Cancer of buccal cavity and Oesophagus Males only) | 2 | 6 | 3 | 4 | 2 | — | 3 | 20 | — | — | — | — | — | — | 4 | 16 | 15 | |
| (Cancer of Uterus | 5 | 4 | 7 | 7 | 1 | 6 | 2 | 32 | — | — | — | — | — | 2 | 22 | 8 | 114 | |
| Cancer of Stomach | 14 | 16 | 22 | 20 | 11 | 25 | 12 | 120 | — | — | — | — | — | 4 | 45 | 71 | 59 | |
| Cancer of Breast | 1 | 4 | 12 | 8 | 5 | 8 | 9 | 47 | — | — | — | — | — | 4 | 18 | 25 | 23 | |
| Cancer of all other sites | 34 | 59 | 66 | 51 | 19 | 50 | 35 | 314 | — | — | 2 | 1 | 3 | 22 | 136 | 150 | 200 | |
| Diabetes | 1 | — | 6 | 1 | 2 | 6 | 3 | 19 | — | — | — | — | — | 1 | 6 | 12 | 15 | |
| Intra-cranial Vascular Lesions | 21 | 40 | 39 | 46 | 29 | 73 | 28 | 276 | — | 1 | 1 | — | 3 | 14 | 63 | 194 | 137 | |
| Heart Disease | 92 | 124 | 191 | 171 | 81 | 207 | 100 | 976 | — | — | — | — | 6 | 45 | 243 | 682 | 285 | |
| Other Circulatory Diseases | 7 | 13 | 32 | 15 | 3 | 9 | 16 | 95 | — | 1 | — | — | 1 | 4 | 19 | 70 | 52 | |
| Bronchitis | 12 | 11 | 17 | 14 | 6 | 14 | 15 | 89 | 5 | — | 1 | — | — | 3 | 22 | 58 | 14 | |
| Pneumonia (all forms) | 12 | 15 | 37 | 19 | 12 | 25 | 21 | 141 | 32 | 7 | 2 | — | — | 5 | 28 | 67 | 87 | |
| Other Respiratory Diseases | 13 | 12 | 29 | 8 | 6 | 18 | 10 | 96 | 2 | 1 | — | — | — | 2 | 45 | 46 | 44 | |
| Ulceration of the Stomach or duodenum | 6 | 1 | 7 | 3 | 2 | 2 | 3 | 24 | — | — | — | — | 1 | 1 | 9 | 13 | 32 | |
| Diarrhoea, etc. (under 2 Years) | 1 | 2 | 1 | 2 | — | 7 | — | 13 | 11 | 2 | — | — | — | — | — | — | 11 | |
| Appendicitis | — | 2 | 1 | — | 1 | 2 | — | 6 | — | — | — | 2 | — | — | 1 | 3 | 7 | |
| Other Digestive Diseases | 4 | 11 | 7 | 14 | 1 | 4 | 8 | 49 | — | — | — | 3 | 2 | 7 | 19 | 18 | 63 | |
| Nephritis | 9 | 24 | 17 | 12 | 4 | 15 | 11 | 92 | 1 | 1 | 1 | 2 | 1 | 12 | 22 | 52 | 79 | |
| Puerperal and Post Abortive Sepsis | — | — | 2 | — | — | — | — | 2 | — | — | — | — | 2 | — | — | — | — | |
| Other Maternal causes | — | — | 2 | — | — | 2 | 2 | 6 | — | — | — | — | 2 | 4 | — | — | 6 | |
| Premature Birth | 11 | 6 | 4 | 7 | 1 | 13 | 12 | 54 | 54 | — | — | — | — | — | — | — | 65 | |
| Congenital malformation Birth Injury, Infantile Disease | 6 | 5 | 12 | 6 | 5 | 12 | 9 | 55 | 54 | — | — | — | 1 | — | — | — | 53 | |
| Suicide | 3 | 4 | 5 | 4 | — | 5 | 6 | 27 | — | — | — | — | — | 3 | 18 | 6 | 1 | |
| Road Traffic Accidents | — | 4 | 4 | 5 | 3 | 5 | 2 | 23 | — | 1 | 2 | 3 | 5 | 6 | 3 | 3 | 28 | |
| Other violent causes | 7 | 16 | 13 | 11 | 7 | 12 | 6 | 72 | 6 | — | 2 | 9 | 2 | 17 | 15 | 21 | 55 | |
| All other causes | 28 | 33 | 71 | 48 | 15 | 37 | 21 | 253 | 7 | — | 4 | 4 | 8 | 17 | 32 | 180 | 225 | |
| Surgical Operations | — | — | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — | — | |
| | 324 | 452 | 670 | 514 | 233 | 605 | 369 | 3167 | 175 | 20 | 21 | 28 | 60 | 234 | 852 | 1777 | 1703 | |

TABLE 7.—Cases of Infectious Diseases notified during the year 1949

| Disease | Total Cases notified in each Locality of the District | | | | | Number of Cases Notified At Ages—Years | | | | | | | Total Cases removed to Hospital | | | | | | | | | |
|---------------------------------|---|-----|-----|-----|-----|--|---------|--------|-------|--------|---------|------------------------------------|---------------------------------|-------------|---------|--------|---------|----------|----------|----------|----------------|---|
| | Public Institutions | | | | | Tunstall | Burslem | Hanley | Stoke | Fenton | Longton | Smallthorne Norton, Bucknall, etc. | | At all Ages | Under 1 | 1 to 5 | 5 to 15 | 15 to 25 | 25 to 45 | 45 to 65 | 65 and upwards | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Smallpox ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Cholera ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Diphtheria and Membranous Croup | 5 | 1 | 3 | 7 | 1 | 1 | 2 | 2 | 22 | 1 | 6 | 7 | 5 | 3 | — | — | — | — | — | — | — | |
| Erysipelas ... | — | 2 | 10 | 10 | 1 | 6 | 8 | 1 | 38 | — | — | — | 2 | 15 | 13 | 8 | — | — | — | — | — | |
| Scarlet Fever ... | 2 | 39 | 64 | 132 | 53 | 42 | 80 | 53 | 465 | — | 130 | 303 | 15 | 6 | 1 | — | — | — | — | — | — | |
| Typhoid & Paratyphoid Fever | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Puerperal Pyrexia ... | — | 4 | 8 | 7 | 2 | 4 | 3 | 2 | 30 | — | — | — | 11 | 19 | — | — | — | — | — | — | — | |
| Cerebro Spinal Meningitis ... | — | 4 | — | 7 | — | 2 | 3 | 3 | 19 | 1 | 6 | 8 | 1 | 3 | — | — | — | — | — | — | — | |
| Poliomyelitis ... | — | 4 | — | 7 | 2 | 2 | 3 | 3 | 21 | 1 | 12 | 5 | 2 | 1 | — | — | — | — | — | — | — | |
| Encephalitis Lethargica ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Pulmonary Tuberculosis ... | — | 48 | 49 | 95 | 61 | 38 | 78 | 53 | 422 | — | 14 | 43 | 76 | 149 | 122 | 18 | — | — | — | — | — | |
| Other forms of Tuberculosis... | 1 | 2 | 2 | 5 | 3 | 4 | 7 | 7 | 31 | — | 7 | 5 | 12 | 7 | — | — | — | — | — | — | — | |
| Ophthalmia Neonatorum ... | — | 1 | 7 | 6 | 1 | 4 | — | 1 | 20 | 20 | — | — | — | — | — | — | — | — | — | — | — | |
| Pneumonia, Primary ... | 7 | 28 | 34 | 52 | 41 | 21 | 24 | 17 | 224 | 8 | 37 | 33 | 14 | 34 | 66 | 32 | — | — | — | — | — | |
| Pneumonia, Broncho ... | 2 | 4 | 2 | 11 | — | 4 | 3 | 1 | 27 | 7 | 6 | 1 | 1 | 2 | 5 | 5 | — | — | — | — | — | |
| Pneumonia, Influenzal | 21 | 12 | 11 | 13 | 7 | 3 | — | 2 | 69 | 3 | 4 | 2 | 2 | 12 | 15 | 31 | — | — | — | — | — | |
| Malaria ... | — | — | — | — | — | — | 1 | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Dysentery ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Pemphigus Neonatorum ... | — | — | — | — | — | — | 1 | — | 1 | 1 | — | — | — | — | — | — | — | — | — | — | — | |
| Food Poisoning ... | — | 1 | — | — | 1 | — | 1 | 6 | 9 | — | 2 | 2 | 1 | 2 | 2 | — | — | — | — | — | — | |
| Measles ... | 8 | 76 | 385 | 254 | 265 | 84 | 236 | 176 | 1484 | 89 | 957 | 425 | 8 | 5 | — | — | — | — | — | — | — | |
| Whooping Cough ... | 10 | 33 | 82 | 131 | 109 | 48 | 133 | 30 | 576 | 391 | 133 | — | 1 | 1 | — | — | — | — | — | — | — | |
| Polioencephalitis ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| TOTALS | 56 | 259 | 657 | 737 | 547 | 263 | 583 | 357 | 3459 | 181 | 1572 | 977 | 150 | 260 | 225 | 94 | — | — | — | — | 245 | |

Isolation Hospitals—
Name and Situation

Infectious Diseases Hospital, Bucknall
Stanfield Sanatorium, Burslem
North Staffs. Joint Smallpox Hospital

Total Available Beds, 195
" " " 91
" " " 90

(At present being used for the accommodation of 50 children suffering from Tuberculosis)

INFECTIOUS DISEASES.

Scarlet Fever.

| | | | | |
|--|----|----|----|------|
| Number of cases notified | .. | .. | .. | 465 |
| Number of cases removed to hospitals | .. | .. | .. | 145 |
| Percentage of cases removed | .. | .. | .. | 31.3 |
| Number of cases in which diagnosis was confirmed | .. | .. | .. | 463 |
| Number of deaths | .. | .. | .. | 0 |
| Case fatality per cent. | .. | .. | .. | 0.0 |

The attack rate for the City during the year was 1.69 per 1,000 of the population.

The death rate for the City during 1949 was 0.0 compared to 1.72 in the 126 large towns, and 1.63 in England and Wales.

Diphtheria.

| | | | | |
|--|----|----|----|------|
| Number of cases notified | .. | .. | .. | 22 |
| Number of cases removed to hospitals | .. | .. | .. | 21 |
| Percentage of cases removed | .. | .. | .. | 95.5 |
| Number of cases in which diagnosis was confirmed | .. | .. | .. | 8 |
| Number of deaths | .. | .. | .. | 1 |
| Case fatality per cent. | .. | .. | .. | 4.54 |

The attack rate for the City was 0.08 per 1,000 of the population.

The death rate from Diphtheria in the City was 0.0 compared to 0.05 in the 126 large towns, and 0.04 in England and Wales.

Typhoid and Para Typhoid Fever.

| | | | | |
|--|----|----|----|-----|
| Number of cases notified | .. | .. | .. | 0 |
| Number of cases removed to hospital | .. | .. | .. | 0 |
| Percentage of cases removed | .. | .. | .. | 0 |
| Number of cases in which diagnosis was confirmed | .. | .. | .. | 0 |
| Number of deaths | .. | .. | .. | 0 |
| Case fatality per cent. | .. | .. | .. | 0.0 |

Arrangements have been made for the inoculation against Enteric Fever, free of charge.

Smallpox.

During the year no cases of Smallpox occurred.

Erysipelas.

There were 38 cases notified during the year and in all but three cases the diagnosis was confirmed and there were no deaths. In 1948 55 cases were notified with one death.

Cerebro-Spinal Fever.

Nineteen cases were notified as Cerebro Spinal Fever during the year and eleven confirmed bacteriologically. There were four deaths.

Acute Encephalitis Lethargica and Acute Polio-Encephalitis.

There were no cases of the above diseases notified during the year.

Acute Anterior Poliomyelitis.

There were twenty-one cases notified during the year, fourteen of which were confirmed. There were two deaths.

Malaria and Dysentery.

There was no case of Dysentery notified during the year.

There was one case of malaria notified during the year.

Influenza, Pneumonia and Broncho Pneumonia.

The number of cases notified during the year was :—Influenzal Pneumonia, 69 and Pneumonia and Broncho Pneumonia, 251. The number of deaths was :—Influenza, 65, being equal to a rate of 0.237 per 1,000 of the population ; and Pneumonia and Broncho Pneumonia, 141 being equal to a rate of 0.514 per 1,000 of the population.

These diseases were more prevalent than in 1948.

SCHOOLS.

The Medical Officer of Health is the School Medical Officer.

No school was closed on account of infectious diseases.

Below is a summary of the laboratory work carried out at the Infectious Diseases Hospital during this year.

TOWN LABORATORY WORK, 1949.

| | Positive | Negative | Total |
|------------------------------|----------|----------|-------|
| Sputum for T.B. | 26 | 313 | 339 |
| Swabs for Diphtheria | 1 | 148 | 149 |
| Smears for Gonococci | — | 54 | 54 |
| Enteric Specimens | — | — | 11 |
| Other Specimens | — | — | 2 |
| Total | | .. | 555 |

Immunisation against Diphtheria and Whooping Cough.

The immunisation of children against Diphtheria and Whooping Cough is carried out at the School Clinics, special sessions held at the Infant Welfare Centres, each Monday afternoon at the Richmond Lodge Welfare Centre, Shelton, and by general practitioners, who obtain their supplies of Prophylactic from the Public Health Department.

During the year the numbers of children immunised was as follows:—

Diphtheria—

| | | | | |
|-------------------------------|----|----|----|------|
| Primary | .. | .. | .. | 1142 |
| Secondary or Reinforcing .. | .. | .. | .. | 3913 |
| | | | | 5055 |
| Diphtheria and Whooping Cough | .. | .. | .. | 3480 |
| Whooping Cough | .. | .. | .. | 784 |
| Total | .. | | | 9319 |

Number of Children at 31st December, 1949, who had completed a course of Immunisation against Diphtheria at any time before that date, i.e., at any time since January 1st, 1935.

| Age at 31-12-49 i.e. born in year | Under 1 1949 | 1 1948 | 2 1947 | 3 1946 | 4 1945 | 5-9 1940-44 | 10-14 1935-39 | Total Under 15 |
|---|------------------------------|-----------|-----------|-----------|-----------|------------------------|------------------|-------------------|
| Number Immunised . . | 343 | 2760 | 3569 | 3412 | 3446 | 10956 | 11781 | 36267 |
| Estimated mid-year child population . . | Children under five 25530 | | | | | Children 5-14 39510 | | |

Respiratory Diseases.

During the year there were 326 deaths from Respiratory Diseases, giving a death rate of 1.188 per 1,000 of the population, as compared with 1.027 for the year 1948.

The distribution of these deaths is shewn below :—

| | | | | | |
|---|----|----|----|----|-----|
| No. of deaths from Bronchitis | .. | .. | .. | .. | 89 |
| No. of deaths from Pneumonia | .. | .. | .. | .. | 141 |
| No. of deaths from Fibroid Phthisis | .. | .. | .. | .. | — |
| No. of deaths from Pleurisy | .. | .. | .. | .. | — |
| No. of deaths from Silicosis | .. | .. | .. | .. | 37 |
| No. of deaths from other Respiratory Diseases | .. | .. | .. | .. | 59 |
| Total | | | | | 326 |

Lead Poisoning.

In 1939 there were 5 cases of lead poisoning ; in 1940, 4 cases ; in 1941, 5 cases ; in 1942, 8 cases ; in 1943, 2 cases ; in 1944, no cases ; in 1945, no cases ; in 1946, no cases : in 1947 there were no cases ; in 1948 there was one case ; and in 1949 there were 2 cases. In 1939 there were no deaths attributed to lead poisoning ; in 1940 two ; in 1941 three ; in 1942 four ; in 1943 one ; in 1944 none ; in 1945 none ; in 1946 none ; in 1947 there were no deaths ; in 1948 there was one death ; and in 1949 there was one death.

Cancer.

The total number of deaths from cancer was 533, an increase of 30 from the previous year. This is equal to a death rate of 1.942 and in England and Wales the rate was 1.871.

Tuberculosis.

No persons have been compulsorily removed to Hospital under either the Public Health Acts, 1925, and no action has been taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, with reference to Dairy workers.

Pulmonary Tuberculosis.

Four hundred and twenty-two cases were notified in accordance with the provisions of the Public Health (Tuberculosis) Regulations.

Out of the 156 deaths from Pulmonary Tuberculosis during the year 38 had not been notified, a percentage of 24.4. There were 12 deaths from other forms of Tuberculosis, and 10 of these had not been notified, a percentage of 83.3 which is much too high a figure and it is hoped that it will be considerably reduced by more careful attention to notification.

The 156 deaths is equal to a death rate of 0.568 per 1,000 ; in 1948 there were 150 deaths and a death rate of 0.516 per 1,000. In England and Wales, in 1949, the death rate was 0.403 per 1,000 (Males 0.548, Females 0.301).

There were 12 deaths in the year from forms of tuberculosis other than Pulmonary, equal to a rate of 0.044 per 1,000 of the population. In 1949 the rate for England and Wales was 0.054 (Males 0.062 ; Females 0.054).

The total death rate from all forms of tuberculosis was 0.612 per 1,000. In 1949 the rate for England and Wales was 0.457 per 1,000 of the population.

Other Forms of Tuberculosis.

There were 31 cases notified of other forms of Tuberculosis, and 12 deaths, giving a rate of 0.044 per 1,000 of the population. Of these deaths, four occurred among children between the ages of one year and five years. Of the 12 deaths, 10 had not been previously notified. There were 5 deaths from Tubercular Meningitis.

Table shewing the number of cases notified as suffering from other forms of Tuberculosis during 1949.

| | Under 1 | 1—5 | 5—15 | 15—25 | 25—45 | 45—65 | Over 65 | Totals |
|--------------------------|------------|-----|------|-------|-------|-------|------------|--------|
| Tubercular Meningitis... | — | 1 | — | — | — | — | — | 1 |
| Glands | — | 2 | 1 | 5 | 2 | — | — | 10 |
| Osseous | — | 2 | 2 | 3 | — | — | — | 7 |
| Skin | — | — | — | — | 1 | — | — | 1 |
| General | — | — | — | — | — | — | — | — |
| Intestines & Peritoneum | — | 2 | 2 | 4 | 3 | — | — | 11 |
| Other Forms | — | — | — | — | 1 | — | — | 1 |
| Totals | — | 7 | 5 | 12 | 7 | — | — | 31 |

Of the 31 cases of other forms of Tuberculosis notified, 10 were Tubercular Glands, compared with 17 in the previous year.

The work of the Tuberculosis Department is now carried out under the Hospital Management Committee from the Central Dispensary at Shelton, which provided facilities for the early diagnosis, treatment, and supervision of cases of Pulmonary Tuberculosis.

The following table is compiled from the Ministry of Health returns (37 T. Rev.)

**Return relating to the work of the Tuberculosis Dispensary
during the year ending 31st December, 1949.**

| Diagnosis | Pulmonary | | | | Non-Pulmonary | | | | Total | | | | Grand Total |
|--|-----------|-----|----------|-----|---------------|-----|----------|----|--------|-----|----------|-----|----------------|
| | Adults | | Children | | Adults | | Children | | Adults | | Children | | |
| | M | F | M | F | M | F | M | F | M | F | M | F | |
| A.—(1) Number of definite cases of Tuberculosis on the Dispensary Register on 1st January, 1949 | 772 | 615 | 93 | 95 | 75 | 111 | 90 | 88 | 847 | 726 | 183 | 183 | 1939 |
| (2) Transfers from other Authorities during the year ... | 9 | 7 | — | — | 1 | — | — | 1 | 10 | 7 | — | 1 | 18 |
| B.—Number of new cases diagnosed as Tuberculosis during the year :— | | | | | | | | | | | | | |
| (1) Class T.B. minus ... | 139 | 96 | 35 | 25 | 2 | 13 | 8 | 6 | 222 | 160 | 43 | 31 | 456 |
| (2) Class T.B. plus | 81 | 51 | — | — | — | — | — | — | — | — | — | — | |
| C.—Number of cases included in A and B written off the Dispensary Register during the year as : | | | | | | | | | | | | | |
| (1) Recovered ... | 10 | 15 | 8 | 6 | 5 | 6 | 4 | 2 | | | | | |
| (2) Dead (all causes) ... | 83 | 54 | — | 1 | — | 2 | — | — | | | | | |
| (3) Removed to other Areas | 17 | 13 | 1 | 1 | 2 | 1 | — | 1 | 123 | 99 | 14 | 13 | 249 |
| (4) For other reasons ... | 5 | 7 | 1 | 1 | 1 | 1 | — | 1 | | | | | |
| D.—Number of definite cases of Tuberculosis on the Dispensary Register on 31st December, 1949 | 886 | 680 | 118 | 111 | 70 | 114 | 94 | 91 | 956 | 794 | 212 | 202 | 2164 |

The following table gives a detailed report and comparison of the work carried out at the Dispensary during the years 1945-1949 :—

| | 1945 | 1946 | 1947 | 1948 | 1949 |
|--|--------|--------|--------|--------|--------|
| New cases examined (excluding contacts) .. | 2,154 | 2,259 | 2,364 | 2,840 | 3,962 |
| New contacts examined .. | 403 | 410 | 336 | 504 | 713 |
| Patients' attendances .. | 11,810 | 13,122 | 13,331 | 16,119 | 16,936 |
| X-ray examinations made in connection with Dispensary work .. | 9,403 | 10,383 | 11,855 | 13,368 | 15,367 |
| Sputum examinations made in connection with Dispensary work .. | 3,745 | 4,270 | 4,512 | 4,785 | 3,819 |
| Artificial pneumothorax refills given at the Dispensary | 3,061 | 3,544 | 3,605 | 4,463 | 5,192 |
| Examinations of persons referred by Medical Boards under the N.S. (Armed Forces) Act, 1939 | 130 | 59 | 42 | 43 | 44 |
| Visits by Tuberculosis health visitors to patients' homes .. | 3,507 | 4,904 | 3,859 | 4,359 | 5,380 |

The number of T.B. plus cases on the Dispensary Register on 31st December, 1949, was 736.

There are 91 beds available at Stanfield Sanatorium and 56 at Cheshire Joint Sanatorium for adult male and female patients, whilst 50 beds are available to Bagnall Sanatorium for children.

Admissions to Bagnall, Stanfield and Cheshire Joint Sanatoria (excluding observation cases) have been as follows :—

| | Stanfield | Cheshire Joint | Bagnall |
|-------------|-----------|-------------------|---------|
| Males | 112 | 65 | — |
| Females .. | 90 | 46 | — |
| Children .. | — | — | 42 |
| TOTAL .. | 202 | 111 | 42 |

The conditions of patients on discharge has been as follows :—

| | | Stanfield | Cheshire Joint | Bagnall |
|------------|-------|-----------|-------------------|---------|
| Improved | .. | 53 | 66 | 29 |
| Stationary | .. | 91 | 31 | 2 |
| Worse | .. .. | 2 | 4 | — |
| Deaths | .. .. | 35 | 1 | — |
| | | — | — | — |
| TOTAL | .. | 181 | 102 | 31 |
| | | — | — | — |

Included in the admissions to Stanfield Sanatorium are 8 Service cases which were transferred from hospital for examination by a medical board and discharged from the Service.

At the beginning of the year, there were 21 observation cases in the three Sanatoria, and 78 cases were admitted for observation during the year. The number of observation cases discharged was 85, the diagnosis on discharge being : “tuberculous,” 1 ; “non-tuberculous,” 45 ; and “doubtful,” 39. At the end of the year, there were 14 undiagnosed cases in the Sanatoria.

The following table refers to work carried out at Stanfield Sanatorium during the years 1945-1949 :—

| | 1945 | 1946 | 1947 | 1948 | 1949 |
|---------------------------------------|------|------|------|-------|------|
| Artificial pneumothorax inductions .. | 23 | 23 | 10 | 14 | 22 |
| Artificial pneumothorax refills .. | 753 | 768 | 749 | 676 | 549 |
| X-ray examinations | 923 | 789 | 869 | 1,027 | 600 |
| Tuberculin treatment | 389 | 302 | 342 | 30 | 6 |
| Erythrocytes Sedimentation Rate .. | 306 | 248 | 420 | 356 | 278 |

Surgical Tuberculosis.

Dr. D. Wainwright reports as follows :—

“During the year 1949, 302 cases of Surgical Tuberculosis in children of the City of Stoke-on-Trent, were under treatment at the Orthopaedic Hospital, Hartshill.

Thirty of these cases were treated as in-patients for a longer or shorter period according to their necessities. Fifteen have been discharged as cured or improved, and one has died.

CLASSIFICATION OF CASES.

| | | | | | | | |
|--------------------|----|----|----|----|----|----|-----|
| Spines | .. | .. | .. | .. | .. | .. | 105 |
| Hips | .. | .. | .. | .. | .. | .. | 89 |
| Knees | .. | .. | .. | .. | .. | .. | 50 |
| Ankles | .. | .. | .. | .. | .. | .. | 35 |
| Elbows | .. | .. | .. | .. | .. | .. | 10 |
| Fingers and Wrists | | | .. | .. | .. | .. | 7 |
| Shoulder | .. | .. | .. | .. | .. | .. | 6 |
| TOTAL | | | | | | | 302 |

During the year 1949, 14 cases of Surgical Tuberculosis in adults were treated as in-patients.

CLASSIFICATION.

| | | | | | | | |
|----------|----|----|----|----|----|----|----|
| Spine | .. | .. | .. | .. | .. | .. | 8 |
| Hip | .. | .. | .. | .. | .. | .. | 5 |
| Knee | .. | .. | .. | .. | .. | .. | 1 |
| Ankle | .. | .. | .. | .. | .. | .. | — |
| Shoulder | .. | .. | .. | .. | .. | .. | — |
| Elbow | .. | .. | .. | .. | .. | .. | — |
| TOTAL | | | | | | | 14 |

Thirteen have been discharged, cured or improved."

VENEREAL DISEASES.

Below is a summary of data of general interest in relation to the work of the two treatment centres in the City which are under the control of the Stoke-on-Trent Hospital Management Committee.

Wellesley Street, Shelton, Stoke-on-Trent.

| | 1949 | 1948 |
|--|-------|-------|
| Number of new cases attending | 623 | 747 |
| Total number of cases attending | 1,040 | 1,300 |
| Total attendances | 5,284 | 6,830 |
| Number of attendances for individual attention of Medical Officer | 4,642 | 6,224 |
| Number of attendances for intermediate treatment | 642 | 606 |
| Average number of attendances per head .. | 5.03 | 5.25 |
| Number of cases discharged as cured | 551 | 750 |

NEW CASES.

| Year | Syphilis | Gon- orrhoea | Non-ven- ereal | Percent- age non- venereal | Total |
|----------|----------|-----------------|-------------------|----------------------------------|-------|
| 1940 ... | 37 | 161 | 205 | 51% | 403 |
| 1941 ... | 16 | 137 | 175 | 53% | 328 |
| 1942 ... | 33 | 130 | 231 | 58% | 394 |
| 1943 ... | 47 | 162 | 361 | 63% | 570 |
| 1944 ... | 65 | 122 | 404 | 68% | 591 |
| 1945 ... | 50 | 194 | 447 | 65% | 691 |
| 1946 ... | 106 | 333 | 794 | 64% | 1233 |
| 1947 ... | 62 | 183 | 602 | 71% | 847 |
| 1948 ... | 58 | 136 | 553 | 74% | 747 |
| 1949 ... | 52 | 113 | 458 | 74% | 623 |

NEW CASES OF EARLY SYPHILIS.

| Year | Males | Females | Total |
|------------|-------|---------|-------|
| 1940 | 5 | 3 | 8 |
| 1941 | 4 | 5 | 9 |
| 1942 | 6 | 9 | 15 |
| 1943 | 16 | 6 | 22 |
| 1944 | 27 | 27 | 54 |
| 1945 | 18 | 15 | 33 |
| 1946 | 48 | 37 | 85 |
| 1947 | 32 | 13 | 45 |
| 1948 | 24 | 11 | 35 |
| 1949 | 18 | 4 | 22 |

North Staffordshire Infirmary.

| | 1949 | 1948 |
|--|----------|-------|
| Number of new cases attending | 361 .. | 405 |
| Total number of cases attending | 764 .. | 902 |
| Total attendances | 7,984 .. | 9,150 |
| Number of attendances for individual attention of Medical Officer | 6,357 .. | 6,930 |
| Number of attendances for intermediate treatment | 1,627 .. | 2,220 |
| Average number of attendances per head .. | 10.4 .. | 10.1 |
| Number of cases discharged as cured | 378 .. | 422 |

NEW CASES.

| Year | Syphilis | Gon- orrhoea | Non-ven- ereal | Percent- age non- venereal | Total |
|---------|----------|-----------------|-------------------|----------------------------------|-------|
| 1940 .. | 78 | 135 | 166 | 43.8% | 379 |
| 1941 .. | 99 | 162 | 190 | 42.1% | 451 |
| 1942 .. | 108 | 158 | 228 | 46.2% | 494 |
| 1943 .. | 151 | 187 | 313 | 48.1% | 651 |
| 1944 .. | 110 | 129 | 354 | 59.7% | 593 |
| 1945 .. | 107 | 163 | 357 | 57.1% | 627 |
| 1946 .. | 124 | 139 | 396 | 60.1% | 659 |
| 1947 .. | 82 | 92 | 225 | 56.4% | 399 |
| 1948 .. | 84 | 52 | 266 | 65.7% | 405 |
| 1949 .. | 52 | 36 | 273 | 75.6% | 316 |

NEW CASES OF EARLY SYPHILIS.

| Year | Males | Females | Total |
|------------|-------|---------|-------|
| 1941 | 19 | 9 | 28 |
| 1942 | 21 | 21 | 42 |
| 1943 | 36 | 34 | 70 |
| 1944 | 23 | 27 | 50 |
| 1945 | 22 | 38 | 60 |
| 1946 | 38 | 22 | 60 |
| 1947 | 13 | 11 | 24 |
| 1948 | 20 | 10 | 30 |
| 1949 | 6 | 4 | 10 |

VACCINATIONS.

| | | | | Number Vaccinated | Number Re-vaccinated |
|-------------------------------|----|----|----|----------------------|-------------------------|
| Age at 31st December, 1949 :— | | | | | |
| Under one, 1949 | .. | .. | .. | 482 | — |
| One to four. 1945-8 | .. | .. | .. | 29 | — |
| Five to Fourteen, 1935-44 | .. | .. | .. | 17 | — |
| Fifteen or over, before 1935 | .. | .. | .. | 29 | 115 |
| TOTAL | | | | 558 | 115 |

MENTAL HEALTH.

(1) Administration.

- (a) Constitution and meetings of Mental Health Sub-Committee.
A Sub-Committee known as the Mental Health Sub-Committee is responsible for the administration. This is a Sub-Committee of the Health Committee of the City Council. It consists of ten members and as far as possible meets monthly.

- (b) Medical Officer of Health.
One Senior Authorised Officer and three Assistant Authorised Officers (all experienced Officers).

One Occupation Centre Supervisor—Diploma of Associate of Music and Art Teaching, Trinity College of Music.
Two Assistant Supervisors.

- (c) Co-ordination with Hospital Management Committee.
The part-time services of a Mental Health Visitor from Stallington Hall, Blythe Bridge, used in connection with supervision of patients on trial and on licence.
One full-time Mental Health Visitor, fully qualified R.M.P.A., R.N.M.I., and deals with notification from the Local Education Authority and after-care cases.

- (d) No duties are delegated to Voluntary Associations.

- (e) Lectures are now in operation in connection with training of Mental Health Workers.

Account of work in the Community by Duly Authorised Officers of the Mental Health Service from 1st January, 1949, to 31st December, 1949.

PATIENTS.

| | |
|--|--------------------|
| Admitted to City General Hospital under Sec. 20 of L.A. | 56 (Observation). |
| Admitted to City General Hospital under Sec. 21 of L.A. | 237 (Observation). |
| Admitted to City General Hospital under Sec. 16 of L.A. | 71 (Certified). |
| Admitted to St. Edwards Hospital under Sec. 16 of L.A. | 177 (Certified). |
| Admitted to St. Edwards Hospital as Volun- tary patients | 4 |
| Admitted to St. Edwards Hospital as Temp- orary patients (Sec. 5. M.T.A.) | 1 |
| Transferred to St. Edwards Hospital from City General Hospital (orders of removal). | 2 |
| Transferred to Stallington Hall from City General Hospital (orders of removal) . . | 2 |
| Transferred to Private Mental Hospital from City General Hospital | 1 |
| Number of instances in which Justices exam- ined patients but did not sign Orders of Detention | 18 |
| | 569 |
| Total number of actual persons dealt with . . | 391 |

MENTAL DEFICIENCY ACTS, 1913-1938.

Particulars with regard to “ascertainment” are contained in the following table :—

NEW CASES ASCERTAINED DURING 1949.

| | Education Act, 1944. | | Other Sources | | Total |
|-----------|----------------------|----------------|-----------------------------|---------------------------------------|-------|
| | Section 57 (3) | Section 57 (5) | Subject to be dealt with | Not at present to be dealt with | |
| Males . . | 10 | — | 10 | — | 10 |
| Females | 8 | — | 8 | — | 8 |
| Total . . | 18 | — | 18 | — | 18 |

DISPOSAL OF CASES.

| | Institution | Home. | | Place of Safety | Notifi- cation cancelled | Action not yet taken. | Total |
|------------|-------------|-------------------|---------------------------|-----------------------|--------------------------------|-----------------------------|-------|
| | | Guardian- ship | Statutory Supervision. | | | | |
| Males .. | 3 | | 7 | | | | 10 |
| Females .. | 2 | | 6 | | | | 8 |
| Total .. | 5 | | 13 | | | | 18 |

PARTICULARS OF MENTAL DEFECTIVES ON 1ST JANUARY, 1950.

| | | | | | Males | Females | Total |
|--|-----------------------------|----|----|----|-------|---------|-------|
| 1. "Subject to be dealt with" :— | | | | | | | |
| (a) | In certified Institutions | .. | .. | | 143 | 153 | 296 |
| (b) | Under Guardianship | .. | .. | | 1 | 1 | 2 |
| (c) | In "Places of Safety" | .. | .. | | — | 2 | 2 |
| (d) | Under Statutory Supervision | .. | | | 89 | 84 | 173 |
| 2. Certified defectives but not yet "subject to be dealt with" :— | | | | | | | |
| | Under Voluntary Supervision | .. | | | — | — | — |
| | Other cases | .. | .. | .. | — | — | — |
| TOTALS .. | | | | | 233 | 240 | 473 |

MENTAL DEFICIENCY.

Home supervision of notified mental defectives in the Stoke-on-Trent area has been continued during the year. There are 173 patients on the Statutory Supervision list and they have all been regularly visited.

Of these 173 patients :—

39 (23 boys and 16 girls) are living at home and going out to work. their conduct is stable and they cause no anxiety.

40 of ages ranging from 5 to 25 years attend the Occupation Centre, Duke Street, Fenton. They receive daily training between 10-0 a.m. and 3-0 p.m. in clean habits, handwork, physical training, speech therapy and domestic work, etc.

The Centre now has its full complement of pupils for the size of the building. Larger premises are needed so that the newly notified cases may not be deprived of their much needed training. The Mental Health Committee are now taking steps to open another Centre in the Northern end of the City, which will accommodate 100 cases.

27 from the Stoke area have been attending the Occupation Centre, Lower Milehouse Lane, Newcastle, for several years. This Centre is in the County Administrative area and the Authorities have requested that they be moved to a centre in the Stoke district to make room for more County children.

18 new cases have been notified as incapable of receiving instruction in school, by the School Medical Officer, and the majority of these have been admitted to the Fenton Centre.

15 cases were admitted during the year to Stallington Hall Institution for residential care and training, but on 31st December, a further 17 names were in urgent need of admission.

5 patients from Stoke area have died in Stallington Hall during 1949.

FENTON OCCUPATION CENTRE.

During 1939 the number of patients attending the Occupation Centre, Duke Street, Fenton, gradually rose from 27 to 40, including several epileptics and three cripples. There were 13 infants, 11 juniors and 16 seniors. One patient left in July to take up work in a pottery and one patient was transferred to Stallington Hall.

The health of the patients has been good generally. Dr. Veitch, School Medical Officer carried out the annual medical inspection on 14th January.

The following activities took place during the year :—

An Open Day on 7th July, at which parents, friends and members of the Mental Health Sub-Committee saw a typical day's work by the children.

Two day's outings were arranged for the patients in July. The seniors were taken to Rhyl by coach, and the juniors to Trentham Gardens. Both outings were highly successful and much enjoyed.

On 6th October, a Harvest Festival Service took place at the Centre and was well attended by the parents, friends and members of the Committee. The patients brought gifts of fruit, flowers and vegetables, and helped to decorate the room. The service was conducted and an address given by the Rev. S. O'Gorman, of the Longton Central Hall.

The Annual Christmas Party was held on 21st December in St. Luke's Church Hall, Hanley, by kind permission of the Vicar, the Rev. A. Perry. The children entertained the Visitors with short plays, carols and percussion band performances. The Rev. A. Perry acted as Santa Claus and each child received a gift from the Christmas Tree, and afterwards enjoyed an excellent tea. The Lord Mayor (Alderman Dr. A. P. Spark) honoured the Centre with his presence and spoke to the patients and visitors.

On 15th November, Miss G. Gordon of the Board of Control made an inspection of the Centre, and later sent in a favourable report on the work done there.

The curriculum of the Centre includes many kinds of handwork (canvas work, embroidery, stool-seating, knitting, weaving and rug-making), drawing, painting and papercraft, physical training and speech therapy, singing and percussion band, and training in simple domestic work. Habit training and hygiene forms an important part of the training.

The size of the present building makes it impossible to admit new children and larger accommodation is urgently needed.

TRAINING OF MENTAL WELFARE WORKERS.

During the year a course of training on the whole of the work connected with Mental Diseases and Mental Deficiency consisting of ten lectures at Stoke Town Hall, one visit to St. Edward's Mental Hospital, and one visit to Stallington Hall Mental Deficiency Institution was arranged in conjunction with Dr. G. Ramage, Medical Officer of Health for Staffordshire County Council for Mental Welfare Workers and Duly Authorised Officers.

The following lecturers gave lectures on Friday afternoons from 16th September to 9th December, 1949, to audiences composed of Mental Welfare Workers employed by the City of Stoke-on-Trent, Staffordshire County Council and Cheshire County Council :—

Dr. W. D. Wilkins, M.B., Ch.B., M.R.S.C., L.R.C.P.,
Medical Superintendent,
St. Edward's Hospital, Cheddleton.

Dr. J. H. Malloy, M.D., D.P.M.,
Deputy Medical Superintendent,
St. Edward's Hospital, Cheddleton.

Dr. T. Crowley, M.B.,
Medical Superintendent,
Stallington Hall Certified Institution, Blythe Bridge.

Dr. T. P. Curran, M.B., B.CH., B.O.A., H.U.I., O.P.M.,
Medical Superintendent, St. George's Hospital, Stafford.

Dr. A. S. Patterson, M.B., Ch.B., B.A.O.,
Medical Superintendent,
Lea Cottage, Bromsgrove.

Dr. W. Mary Burberry, M.A., M.B., B.S., D.P.M.,
Medical Director, Child Guidance Clinic,
City of Manchester Education Committee,
School Health Services.

Miss F. H. Tosh, Mental Welfare Officer,
Staffordshire County Council.

Mrs. P. S. Foxcroft, Psychiatric Social Worker.
Mental Health Services,
Manchester.

T. G. Eaton, Senior Authorised Officer,
Health Department,
Manchester.

MATERNITY AND CHILD WELFARE.

Midwives' Act, 1936.

The following is a summary of the work carried on under the Midwives' Act.

At the end of the year there were 35 midwives employed by the authority. Thirteen midwives continue in independent practice.

During the year, the midwives employed by the Council attended a total of 2,734 cases ; of these, 447 were attended as maternity nurses. In 1948 the total number of cases attended was 2,923.

The midwives in independent practice attended a total of 117 cases as midwives, and 93 as maternity nurses.

141 routine inspections of midwives bags and equipment were carried out during the year.

No midwife has been reported to the C.M.B. during the year for any breach of rules.

During the year 1949 there were received from Midwives :—

- 1,199 Records for calling in Medical Aid.
- 15 Notifications of death of new-born child.
- 1 Notification of death of the mother.
- 203 Notifications re Failure to Breast-feed.

The 1,199 records for calling in Medical Aid were divided as follows :

- 193 for abnormality or complication during pregnancy.
- 690 for abnormality or complication during labour.
- 109 for abnormality or complication during lying-in period.
- 206 for abnormality or complication in case of the child.

Under the Midwives' Act, 1918, claims were made by doctors for the payment of fees in 533 cases, out of 1,199 instances in which medical aid was called. The 533 claims amounted to £1,723 13s. 6d., compared with £2,380 10s. 6d. in the year 1948.

Infantile Mortality.

The total number of deaths of infants under the age of one year was 145 being equal to an infantile mortality rate of 34 per 1,000 births. In 1948 the rate was 42.

Of the 175 infants who died in the City before reaching the age of 12 months, 106 or 60.6 per cent. occurred in children under one month old, compared to 53.7 per cent. in 1948.

TABLE 8. Infantile Mortality occurring in the City and Six Districts 1949.

| Causes of Death | Periods | | | | | | | | Total under 4 weeks | 3 months and under | | | | | Tunstall | Burslem | Hanley | Stoke | Fenton | Longton | Smallthorne, Norton, etc. | Total Deaths under 1 year | |
|--|--------------|--------------|--------------|--------------|-------------------|--------------------|--------------------|--------------------|---------------------|---------------------|-----|-----|-----|-----|----------|---------|--------|-------|--------|---------|---------------------------|---------------------------|--|
| | Under 1 week | 1 to 2 weeks | 2 to 3 weeks | 3 to 4 weeks | 4 weeks and under | 3 months and under | 6 months and under | 9 months and under | | 12 months and under | | | | | | | | | | | | | |
| All causes { Certified ... Uncertified | 91 | 4 | 8 | 3 | 106 | 21 | 22 | 19 | 7 | 22 | 19 | 32 | 21 | 8 | 42 | 31 | 175 | | | | | | |
| Smallpox ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Chicken-pox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Measles | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Scarlet Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Whooping-Cough | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | | | | | | |
| Diphtheria and Croup | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Erysipelas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Tuberculous Meningitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Abdominal Tuberculosis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Other Tuberculous Diseases | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Meningitis (<i>not Tuberculous</i>) | ... | 1 | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Convulsions | ... | ... | ... | ... | ... | 2 | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | | | | | | |
| Laryngitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Bronchitis | ... | ... | ... | 1 | 1 | 2 | 2 | 9 | ... | ... | ... | 9 | 1 | ... | 3 | ... | ... | | | | | | |
| Pneumonia (all forms) | 3 | ... | 1 | ... | 4 | 5 | 11 | 2 | 3 | 1 | ... | ... | 4 | 2 | 5 | 7 | 32 | | | | | | |
| Diarrhoea | ... | ... | ... | ... | ... | 3 | 2 | 1 | ... | ... | ... | ... | ... | ... | 4 | ... | ... | | | | | | |
| Enteritis | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 3 | ... | ... | | | | | | |
| Gastritis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Syphilis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Rickets | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Suffocation (overlying) | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | | | | | | |
| Injury at Birth | 4 | ... | ... | ... | 4 | ... | ... | ... | ... | 1 | 2 | ... | ... | ... | 1 | ... | ... | | | | | | |
| Atelectasis | 13 | ... | 1 | ... | 14 | ... | ... | ... | ... | 3 | ... | 3 | 1 | 2 | 2 | ... | 14 | | | | | | |
| Congenital Malformations | 13 | 3 | 3 | 1 | 20 | 6 | 2 | 2 | 1 | 2 | 2 | 8 | 4 | 2 | 8 | 5 | 31 | | | | | | |
| Premature Birth | 50 | ... | 2 | 1 | 53 | 1 | ... | ... | ... | 11 | 6 | 5 | 6 | 1 | 13 | 12 | 54 | | | | | | |
| Atrophy, Debility and Marasmus | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Influenza | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Pemphigus Neonatorum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | 5 | | | | | | |
| Other causes peculiar to early infancy | 5 | ... | ... | ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | |
| Other causes | 3 | ... | 1 | ... | 4 | ... | 3 | 4 | ... | 3 | 2 | 4 | ... | ... | 2 | ... | 11 | | | | | | |
| TOTALS | 91 | 4 | 8 | 3 | 106 | 21 | 22 | 19 | 7 | 22 | 19 | 32 | 21 | 8 | 42 | 31 | 175 | | | | | | |

Nett Births in the year :—Legitimate, 4924; Illegitimate, 215. Nett Deaths in the year :—Legitimate, 116; Illegitimate, 9

Deaths under one year per 1,000 Births in the City.

| Year | Total Births | From all causes | From Gastro Enteritis | From Respiratory Disease | From Congenital Defects | Premature Births. | From Measles | From Whooping Cough |
|------|--------------|-----------------|-----------------------|--------------------------|-------------------------|-------------------|--------------|---------------------|
| 1945 | 4965 | 50 | 7.1 | 7.8 | 15.5 | 12.3 | 0.8 | 1.6 |
| 1946 | 5874 | 55 | 6.0 | 11.7 | 13.6 | 15.8 | 0.0 | 0.5 |
| 1947 | 6360 | 61 | 8.8 | 12.4 | 12.3 | 11.8 | 1.1 | 0.94 |
| 1948 | 5460 | 42 | 14.3 | 7.7 | 9.3 | 13.6 | 0.37 | 0.92 |
| 1949 | 5159 | 34 | 2.1 | 7.4 | 10.5 | 10.5 | 0.0 | 0.19 |

Average rate for the five years (1945-49), 48.

The infantile mortality rate in the 126 large towns in 1949 was 37.

Notification of Births Act.

Of the 5,034 births notified in the City of Stoke-on-Trent during 1949, 2,404 were attended by midwives, 540 by doctors and 2,090 occurred in institutions. The percentage of births occurring outside Institutions attended by midwives was 58.

Summary of Visits paid by the Nursing Superintendents, Health Visitors and other Nursing Personnel.

| | | | |
|--|----|-------|--------|
| First Visits to infants under 1 year of age | .. | .. | 5,047 |
| Re-visits—Under 1 year | .. | .. | 19,848 |
| Over 1 year | .. | .. | 17,909 |
| | | | 37,757 |
| First Visits to Expectant Mothers | .. | .. | 59 |
| Re-visits to Expectant Mothers | .. | .. | 13 |
| Visits to Ophthalmia Cases | .. | .. | 48 |
| Visits to Midwives | .. | .. | 141 |
| Visits in connection with still-births and infant deaths | | | 311 |
| Visits in connection with infant life protection | .. | | 23 |
| Other visits | .. | .. | 1,079 |
| Wasted Visits | .. | .. | 5,803 |
| | | TOTAL | 50,281 |

INFANTILE MORTALITY.

INFANTILE MORTALITY RATE AMONGST ILLEGITIMATE AND
LEGITIMATE CHILDREN OF STOKE-ON-TRENT DURING THE
PAST FIVE YEARS.

| | | | Illegitimate | | Legitimate | | Whole |
|------|----|----|--------------|----|------------|----|-------|
| 1945 | .. | .. | 58 | .. | 49 | .. | 50 |
| 1946 | .. | .. | 77 | .. | 54 | .. | 55 |
| 1947 | .. | .. | 56 | .. | 62 | .. | 61 |
| 1948 | .. | .. | 44 | .. | 41 | .. | 42 |
| 1949 | .. | .. | 42 | .. | 34 | .. | 34 |

There are 17 Infant Welfare Centres in the City, all directly under the Council.

Ante-natal Clinics with doctors in attendance are now held at fifteen centres.

A. Total number of attendance at all Clinics during the year :—

| | | 1949 | | 1948 |
|-----|--|---------|-------|----------|
| (1) | by children under one year of age | 18,110 | .. | 22,517 |
| (2) | by children between the ages of 1 and 5 years | .. .. . | 3,254 | .. 4,796 |

B. Total number of children who attended at the Centres for the first time during the year, and who on the date of the first attendance were :—

| | | | |
|-----|-----------------------------------|---------|-------|
| (1) | under one year of age | .. .. . | 2,735 |
| (2) | between the ages of 1 and 5 years | .. .. . | 273 |

HEALTH VISITING.

Number of visits paid during the year by all Health Visitors :—

| | | | |
|-----|---|-----------------|--------|
| (1) | to expectant mothers | First Visits .. | 59 |
| | | Total Visits .. | 76 |
| (2) | to children under 1 year of age | First Visits .. | 5,047 |
| | | Total Visits .. | 24,895 |
| (3) | to children between the ages of 1 and 5 years. | Total Visits .. | 17,909 |

ANTE-NATAL CLINICS.

During the year, 2,375 expectant mothers attended the Municipal Ante-Natal Clinics.

The attendances for the year amounted to 6,236 at the Ante-natal Centres. In addition, 76 visits were paid by the Health Visitors to the homes of the expectant mothers who attended at the Municipal Ante-natal Clinics.

There are twenty-five Ante-Natal Clinics where Municipal Midwives are in attendance and the following are the number of attendances by exoectant mothers at such clinics :—

| | | | |
|-------------------------------|----|----|-------|
| No. of first attendances | .. | .. | 2,286 |
| No. of subsequent attendances | .. | .. | 9,846 |

Blood examination for the Rhesus factor is done at all Clinics.

Dental Treatment.

The undermentioned treatment has been carried out by School Dental Surgeons during the year :—

EXPECTANT MOTHERS—

| | | | | | |
|-------------------|----|----|----|----|----|
| Examined | .. | .. | .. | .. | 57 |
| Needing Treatment | .. | .. | .. | .. | 57 |
| Treated | .. | .. | .. | .. | 57 |
| Made dentally fit | .. | .. | .. | .. | 57 |

CHILDREN UNDER 5 YEARS OF AGE—

| | | | | | |
|-------------------|----|----|----|----|----|
| Examined | .. | .. | .. | .. | 53 |
| Needing treatment | .. | .. | .. | .. | 53 |
| Treated | .. | .. | .. | .. | 53 |
| Made dentally fit | .. | .. | .. | .. | 53 |

Maternal Mortality.

Eight women died in, or in consequence of, childbirth, during the year. The deaths were classified as follows :—

| | | | | | |
|-----------------------------|----|----|----|----|---|
| From Sepsis | .. | .. | .. | .. | 2 |
| From other Puerperal causes | .. | .. | .. | .. | 6 |

Seven of the cases died in Institutions.

| | | | Puerperal Sepsis | Other Puerperal Causes | Total Puerperal Mortality |
|------------------------|-----|-----|---------------------|------------------------------|---------------------------------|
| 1949 | | | | | |
| Per 1,000 Total Births | ... | ... | 0.38 | 0.13 | 1.51 |
| England and Wales | ... | ... | 0.22 | 0.76 | 0.98 |
| 1948 | | | | | |
| Per 1,000 Total Births | ... | ... | 0.36 | 0.18 | 0.54 |
| England and Wales | ... | ... | 0.24 | 0.78 | 1.02 |

Infectious Diseases.

| Disease | Number of cases notified during the year | Number of cases visited by officers of the Council | Number of cases for whom home nursing was provided by the Council | Number of cases removed to hospitals |
|---------------------------|---|--|--|---|
| (1) Ophthalmia Neonatorum | 20 | 20 | 18 | — |
| (2) Pemphigus Neonatorum | 1 | 1 | 1 | — |
| (3) Puerperal pyrexia ... | 30 | 14 | 8 | 6 |

DAY NURSERIES.

There are six Day Nurseries in the City and are open from 7 a.m. to 6-30 p.m., Saturdays, 2 p.m. They are always full and there is a waiting list. Accommodation provides for 130 children under 2 years, and 139 children between 2 and 5 years. Student Nursery Nurses attend a Training Centre on alternate weeks. The Day Nurseries also provide training for students in Nursery Schools and Classes. These girls attend a Day Nursery for 10 months of their training period and are trained in the care of the under 2 years old.

Five Day Nursery Students obtained the Nursery Nurses' Diploma.

Ophthalmia Neonatorum.

The total number of cases notified by medical men in 1949 was 20, as compared with 28 in 1948.

Ophthalmia Neonatorum has been compulsorily notifiable throughout the whole area since 1911.

Nurses were supplied by the Corporation in 18 cases.

| Cases of Ophthalmia Neonatorum | | | Vision unimpaired | Vision impaired | Total Blindness | Deaths |
|--------------------------------|---------|-------------|----------------------|--------------------|--------------------|--------|
| Notified | Treated | | | | | |
| | At home | In hospital | | | | |
| 20 | 20 | — | 20 | — | — | — |

Day and night nurses are supplied in all cases where necessary. Arrangements also exist for a specialist to consult with the medical attendants free of charge.

ILLEGITIMATE BIRTHS.

Report of 190 cases born in the City :—

84 births occurred in Hospital.

106 births occurred at Home.

92 were first births.

13 infants were premature.

The follow-up of these infants give these figures :—

| | | | | | |
|---------|----|----|----|----|----|
| Adopted | .. | .. | .. | .. | 18 |
| Died | .. | .. | .. | .. | 7 |

The Health Committee has an arrangement with the Lichfield Diocesan Association to deal with selected cases, and the Diocesan Moral Welfare Officer gave the following report for 1949.

28 cases in which illegitimate births occurred in 1949 have been dealt with by Miss Kirkham, the Outdoor Worker for the area.

8 mothers remained in their own homes for their confinements. 16 mothers went into hospital.

4 expectant mothers went into Diocesan Homes about two months before their babies were due to be born and remained until satisfactory arrangements were made for them and their babies.

In every case enquiries have been made as to the possibility of obtaining payment from the putative father.

In 7 cases Affiliation Orders were applied for and granted and 4 private agreements were arranged.

The babies born in 1949 were accommodated as follows :—

16 with their mothers at home.

3 adopted through the Association.

1 private adoption.

1 placed in the care of a foster mother.

4 transferred to other Workers.

1 died.

2 miscarriages.

DOMESTIC HELPS.

Requests for the services of the Domestic Help is steadily increasing. There is no doubt there will be more demands for the service, especially from homes of the elderly and the chronic sick; many of whom are living under adverse conditions.

The social value of this work is high and women suitable and willing to undertake the work, will always be sure of employment.

None of our Domestic Helps undertake night sitting-in and a number can undertake only part-time work.

NUMBER OF DOMESTIC HELPS—

| | | | | | |
|-----------|----|----|----|----|---|
| Full-time | .. | .. | .. | .. | 6 |
| Part-time | .. | .. | .. | .. | 4 |

TYPES OF CASES VISITED—

| | | | | |
|--------------------|----|----|----|-----|
| Tuberculosis | .. | .. | .. | 3 |
| Confinements | .. | .. | .. | 50 |
| Old Age Pensioners | .. | .. | .. | 33 |
| Domestic reasons | .. | .. | .. | 55 |
| TOTAL | | | | 141 |

STILLBIRTHS.

Number of stillbirths, Males 71, Females 69, Total 140. Place of Birth, Home 60, Hospital 80.

Twenty-five of the hospital cases were emergency admissions from the district.

Of the 140 stillbirths, 56 were first births.

There were 10 mothers who were 19 years of age or under and 9 mothers who were over 40 years.

Twenty-one women gave a history of previous stillbirths or miscarriages.

There were two maternal deaths.

Abnormality of the foetus was present in 30 cases.

55% of all the births were premature.

PREMATURE BABIES.

All babies are weighed at birth and records are kept of those weighing 5½ lbs. or under.

Born alive, 342 (Males, 174 ; Females, 168).

They comprise 6.88% of all live births.

| ANALYSIS— | | | | | | <i>Survival Rate.</i> |
|-----------|---|----|----|----|-----|---------------------------|
| (a) | Born in Hospital | .. | .. | .. | 180 | |
| | Alive at end of month | .. | .. | .. | 138 | .. 76.6% |
| (b) | Born at home | .. | .. | .. | 143 | |
| | Alive at end of month, and nursed at home | | | | 129 | .. 90% |
| (c) | Born at home | .. | .. | .. | 19 | |
| | Alive at end of month, and transferred to hospital | .. | .. | .. | 11 | .. 57.8% |

TABLE SHOWING RELATION BETWEEN BIRTH WEIGHT AND DEATH RATE.

| Weight of Baby. | No. of babies | Died on 1st day | Died in first week. | Died in 2, 3 or 4 weeks. | Alive at end of 1st month. | Survival Rate. |
|------------------|---------------|-----------------|---------------------|--------------------------|----------------------------|----------------|
| 5—5½lbs. .. | 169 | 1 | 2 | 1 | 165 | 91.7% |
| 4—4 lbs. 15 ozs. | 109 | 10 | 5 | 2 | 92 | 84.4% |
| 3—3 lbs. 15 ozs. | 39 | 13 | 5 | — | 21 | 54.1% |
| Under 3 lbs. .. | 25 | 18 | 6 | — | 1 | 4.0% |
| Total .. | 342 | 42 | 18 | 3 | 279 | 81.5% |

A Special Nurse devotes her whole time to the care of premature babies born at home.

| | | |
|--|-------|-----|
| Number of babies dealt with | .. | 95 |
| Number of visits | .. .. | 622 |
| Number of cots with hot water bottles provided | .. .. | 30 |

REVIEW OF PREMATURE BABIES BORN IN 1948.

| | | |
|--------------------------------------|---------|-------|
| Known to be alive at end of one year | .. | 299 |
| Died in first month | .. .. . | 81 |
| Died between 1st and 12th month | .. .. | 16 |
| Not traced | .. .. . | 2 |
| Removed | .. .. . | 8 |
| | | <hr/> |
| TOTAL | .. | 406 |
| | | <hr/> |

HOME NURSING.

There is no Home for resident nursing staff but the Corporation has centres throughout the City where messages are left and nursing staff call morning and afternoon. The Hanley centre is open all day. Nursing appliances are kept at these centres and given out on receipt of a doctor's note. All nurses are provided with telephones in their homes.

This is the first complete year of the running of the service.

| | | |
|---------------------------------------|-------|-------|
| No. of men patients treated | .. .. | 639 |
| No. of women patients treated | .. .. | 1213 |
| No. of children under 5 years treated | .. .. | 109 |
| No. of children of school age treated | .. .. | 7 |
| | | <hr/> |
| Total number of patients | .. .. | 1968 |
| | | <hr/> |

No. of visits paid by the nurses, 71,001.

The cases have been divided into :—

| | Men | Women | Children under 15 years | Total |
|-------------------|-----|-------|-------------------------------|-------|
| Surgical | 129 | 219 | 35 | 383 |
| Medical | 510 | 928 | 81 | 1519 |
| Diseases of Women | — | 66 | — | 66 |
| | | | | <hr/> |
| | | | | 1968 |
| | | | | <hr/> |

The ages of the adults are of interest ; 58% were over 60 years of age.

| | | | <i>Ages 60-69</i> | <i>70-79</i> | <i>80-80</i> | <i>90+</i> | <i>Total</i> |
|-------|----|----|-------------------|--------------|--------------|------------|--------------|
| Men | .. | .. | 147 | 170 | 53 | 4 | 374 |
| Women | .. | .. | 248 | 312 | 139 | 13 | 712 |

When the Corporation took over the service on 1948, there were 14 full-time nurses and 1 part-time nurse. At the end of 1949, we were employing 25 full-time nurses and 6 part-time nurses, with a Superintendent in charge.

Convalescent Treatment.

Under Section 28 of the National Health Service Act, 1946, the Local Authority may provide convalescent treatment for suitable cases. Arrangements were made with the Heath Memorial Home for men at Llanfairfechan, and the Lady Forester Trust, Llandudno, for men and women to admit cases from Stoke-on-Trent.

During the year 25 cases were sent to the Heath Memorial Home, and 19 cases to The Lady Forester Home. The full cost of maintenance is borne by the Local Authority, though subject to recovery according to the patients financial circumstances based on the Association of Municipal Corporations Scale. This service has been very much appreciated by the people concerned.

Pemphigus Neonatorum.

One case of Pemphigus Neonatorum was notified during the year.

Measles.

Measles was made compulsorily notifiable in the latter months of 1939, and during 1949 there were 1,484 cases notified.

There was 1 death during 1949, compared with 5 in 1948 and 13 in 1947.

The death rate from Measles in 1949 was 0.004 per 1,000.

Whooping Cough.

There were 2 deaths from Whooping Cough during the year, compared with 11 in 1948.

The deaths occurred at the following ages ---

| <i>Under 1</i> | <i>1—2</i> | <i>2—5</i> | <i>5—15</i> |
|----------------|------------|------------|-------------|
| 1 | 0 | 1 | 0 |

Leaflets are distributed through the schools when necessary.

This disease was made compulsorily notifiable in the later months of 1939 and during 1949 there were 576 cases notified.

AMBULANCE SERVICE.

I. PERSONNEL.

| | | | | | |
|----------------------------|----|----|----|----|-----------|
| Ambulance Officer | .. | .. | .. | .. | 1 |
| Duty Officers | .. | .. | .. | .. | 2 |
| Clerks | .. | .. | .. | .. | 2 |
| Clerk/Telephonist | .. | .. | .. | .. | 1 |
| Section Leaders | .. | .. | .. | .. | 3 |
| Deputy Section Leaders | .. | .. | .. | .. | 3 |
| Driver/Attendants (Male) | .. | .. | .. | .. | 30 |
| Driver/Attendants (Female) | .. | .. | .. | .. | 1 |
| Attendants (Male) | .. | .. | .. | .. | 2 |
| Attendants (Female) | .. | .. | .. | .. | 2 |
| TOTAL | | | | | <u>47</u> |

2. NUMBER OF VEHICLES.

| | | | | | |
|------------|----|----|----|----|-----------|
| Ambulances | .. | .. | .. | .. | 14 |
| Cars | .. | .. | .. | .. | 4 |
| TOTAL | | | | | <u>18</u> |

3. Number of patients carried, 33,993.

(a) Monthly Totals.

| | | | | | |
|-----------|----|----|----|----|---------------|
| January | .. | .. | .. | .. | 2,473 |
| February | .. | .. | .. | .. | 2,739 |
| March | .. | .. | .. | .. | 2,714 |
| April | .. | .. | .. | .. | 2,458 |
| May | .. | .. | .. | .. | 2,608 |
| June | .. | .. | .. | .. | 2,350 |
| July | .. | .. | .. | .. | 2,751 |
| August | .. | .. | .. | .. | 2,798 |
| September | .. | .. | .. | .. | 3,106 |
| October | .. | .. | .. | .. | 3,257 |
| November | .. | .. | .. | .. | 3,321 |
| December | .. | .. | .. | .. | 3,418 |
| | | | | | <u>33,993</u> |

(b) Types of cases carried.

| | |
|--------------------------------|--------|
| Street accidents | 392 |
| Street Illnesses | 147 |
| Works Accidents | 167 |
| Works Illnesses | 51 |
| Maternity Cases | 1,520 |
| Attempted Suicides | 27 |
| Other emergency calls | 6,934 |
| Other patients carried | 24,755 |
| TOTAL | 33,993 |

4. Total mileage covered, 275,465.
Monthly Totals.

| | |
|-------------------|---------|
| January | 20,659 |
| February | 22,227 |
| March | 22,712 |
| April | 19,808 |
| May | 22,015 |
| June | 22,727 |
| July | 24,037 |
| August | 22,330 |
| September | 24,994 |
| October | 23,942 |
| November | 24,730 |
| December | 25,284 |
| TOTAL | 275,465 |

REFUSE COLLECTION AND DISPOSAL.

The total nett cost of refuse and salvage collection and disposal for 1949 was £55,049.

Comparative collection and disposal cost figures for the last five years are :—

| Year | Total Nett Cost £ |
|--------------|-------------------------|
| 1945 | 33,453 |
| 1946 | 41,739 |
| 1947 | 46,823 |
| 1948 | 48,640 |
| 1949 | 55,049 |

STREET CLEANSING.

Street Cleansing expenditure during the last five years was as follows :—

| | | | Total Nett Cost £ |
|----------------------------|----|----|-------------------------|
| 1945 Sweeping and Watering | .. | .. | 22,329 |
| 1946 Sweeping and Watering | .. | .. | 27,558 |
| 1947 Sweeping and Watering | .. | .. | 30,458 |
| 1948 Sweeping and Watering | .. | .. | 35,374 |
| 1949 Sweeping and Watering | .. | .. | 31,500 |
| 1945 Gully Cleansing | .. | .. | 3,032 |
| 1946 Gully Cleansing | .. | .. | 3,490 |
| 1947 Gully Cleansing | .. | .. | 3,368 |
| 1948 Gully Cleansing | .. | .. | 5,421 |
| 1949 Gully Cleansing | .. | .. | 4,515 |
| 1945 Snow Removal | .. | .. | 3,518 |
| 1946 Snow Removal | .. | .. | 664 |
| 1947 Snow Removal | .. | .. | 11,726 |
| 1948 Snow Removal | .. | .. | 1,788 |
| 1949 Snow Removal | .. | .. | 2,858 |

SALVAGE OF WASTE MATERIALS.

During the period January to December, 1949, 4,220 tons of Kitchen Waste were dealt with. After processing, this valuable Pig and Poultry Food realised £19,119.

The total cash value of all the materials salvaged and sold since intensive salvage operations began in 1939 up to 31st December, 1949, is £418,746.

SANITARY CIRCUMSTANCES OF THE CITY.

Chief Sanitary Inspector's Report on

SANITATION, HOUSING AND OVERCROWDING, CONTROL OF CIVIL BUILD-
ING, SMOKE ABATEMENT, FACTORIES, CANAL BOATS, DISINFECTION,
DISINFESTATION AND RODENT CONTROL.

Sanitary Inspection of the District.

During the year 21,379 nuisances were dealt with as compared with 25,487 in 1948 and 32,447 inspections, revisits, etc., were made.

INSPECTIONS —

| | |
|--|--------|
| Infectious Diseases | 525 |
| Overcrowding (special enquiries) .. | 11 |
| Drainage | 831 |
| Structural Defects | 3,271 |
| Other Nuisances | 4,055 |
| <hr/> | |
| Total number of houses inspected | 8,693 |
| Total number of houses in which defects were found | 7,548 |
| Total number of defects found | 21,379 |

REVISITS AND SPECIAL APPOINTMENTS—

| | |
|--|--------|
| In respect of nuisances | 18,776 |
| In respect of Infectious Disease | 40 |
| In respect of other causes | 4,938 |
| In respect of overcrowding | 139 |
| Appointments kept | 3,489 |

COMPLAINTS.

During the year 6,253 complaints were received, of which 657 were unfounded.

679 complaints relating to dangerous structures, street paving, gas and water leakages, and other matters were referred to the Departments concerned.

Table of Sanitary Defects.

| <i>Nuisances</i> | <i>Found</i> | <i>Abated</i> |
|---------------------------------------|--------------|---------------|
| Verminous Houses | 70 | 74 |
| Dirty | 61 | 107 |
| Damp and Dilapidations | 6,636 | 7,996 |
| Want of, and Defective Spouting | 2,126 | 2,365 |
| Defective Roofs | 1,405 | 1,631 |
| Defective Plaster | 3,087 | 3,858 |
| Defective Floors | 768 | 875 |
| Fixed Windows | 85 | 69 |
| Badly Lighted | — | — |
| Water Supply—Defects | 103 | 119 |
| Defective Drainage | 312 | 294 |
| Stopped Drains | 774 | 771 |
| Want of Drainage | 23 | 42 |

| <i>Nuisances</i> | <i>Found</i> | <i>Abated</i> |
|---|--------------|---------------|
| Want of Sink | 17 | 35 |
| Defective Sink or Waste | 411 | 435 |
| Bath, Lavatory and Sink Pipes Untrapped .. | 3 | 2 |
| Septic Tanks Defective | — | — |
| Septic Tanks Required | — | — |
| Privies Defective | 1 | 3 |
| Defective W.W.C.'s | 8 | 5 |
| Defective W.C. Structures | 411 | 566 |
| Defective W.C. Fittings | 1,324 | 1,478 |
| Want of Water Supply to W.C.'s | 307 | 448 |
| No Flushing Apparatus to W.C.'s | 5 | 7 |
| Dirty Closet Apartment and Pans | 32 | 28 |
| Ash Bins, Defective or Want of | 2,957 | 2,804 |
| Defective Yard and Passage Paving | 146 | 197 |
| Unpaved Surfaces | 6 | 5 |
| Accumulations | 155 | 170 |
| Manure Receptacles Defective or Required .. | 2 | 3 |
| Keeping of Animals, etc. | 27 | 29 |
| Insanitary Wells | 1 | 3 |
| Insanitary and Indecent Urinals | — | — |
| Tents and Vans Insanitary | 5 | 1 |
| Other Nuisances | 111 | 114 |
| TOTAL .. | 21,379 | 24,534* |

* This figure includes defects previously reported.

INSPECTION OF DRAINAGE WORK—

| | |
|--|-------|
| New Drains | 104 |
| Revisits while work in progress | 186 |
| In respect of repairs | 195 |
| Revisits while repairs in progress | 697 |
| Other visits | 1,128 |

DRAIN TESTS MADE FOLLOWING—

| | <i>Negative</i> | <i>Positive.</i> |
|-----------------------------|-----------------|------------------|
| Complaints | 181 | 85 |
| Infectious Diseases | 3 | — |
| New Drains | 89 | 2 |
| Repaired Drains | 68 | 7 |
| Other purposes | 39 | 7 |
| TOTALS .. | 370 | 101 |

Ashbins.

During the year 1,187 Statutory Notices were served on owners requiring them to provide Ashbins, and in addition to this many requests were received from owners for bins.

The total number of bins supplied by the Corporation and charged to the owners during the year, 4,198.

Other Special Inspections.

| <i>Purpose.</i> | | | | | <i>Number of Contraventions and Defects Found. Abated</i> | |
|-------------------------------|-------------------------------|----|-----|-----|---|---|
| | <i>Number of Inspections.</i> | | | | | |
| Common Lodging Houses | .. | .. | 17 | — | — | — |
| Destructor Works | .. | .. | 4 | — | — | — |
| Marine Stores | .. | .. | 8 | — | — | — |
| Theatres, etc. | .. | .. | 10 | 12 | 4 | |
| Schools | .. | .. | 180 | 101 | 359. | |
| Public Conveniences, Baths .. | .. | .. | 5 | 2 | 2 | |
| Common Yards, Courts, etc. .. | .. | .. | 11 | — | — | |
| Stables | .. | .. | 4 | 1 | 1 | |
| Tips | .. | .. | 15 | 2 | 2 | |
| Marl Pits, Pit Shafts | .. | .. | 30 | 6 | 5 | |
| Scabies | .. | .. | 4 | — | — | |
| Fair Grounds | .. | .. | 2 | — | — | |
| Pig Keeping | .. | .. | 172 | 23 | 17 | |
| Poultry Keeping | .. | .. | 1 | — | — | |
| TOTALS .. | | | 463 | 147 | 388* | |

* This figure includes defects previously reported.

Statutory Notices and Legal Proceedings.

In addition to preliminary notices, 4,185 Statutory Notices were served under the Public Health Act, 1936, and the Stoke-on-Trent Corporation Act, 1928.

Proceedings were instituted in 63 cases during the year, and work was carried out by the Public Works Department in default of statutory notices in 148 cases.

Table of Statutory Notices Served.

| PUBLIC HEALTH ACT, 1936. | | | | | <i>Notices Served.</i> |
|--------------------------|--------------------------------|----|----|-------|----------------------------|
| Section 39 | Provision of Drainage, etc. | .. | .. | | 45 |
| Section 40 | Soil Pipe and Vent Shafts | .. | .. | | 12 |
| Section 45 | Defective Closet accommodation | .. | | | 504 |
| Section 47 | Privy Conversions | .. | .. | .. | 156 |
| Section 75 | Dustbins | .. | .. | .. | 1,187 |
| Section 83 | Verminous Premises | .. | .. | .. | 1 |
| Section 93 | Statutory Nuisances | .. | .. | .. | 1,885 |
| Section 138 | Water Supply | .. | .. | .. | 11 |
| | | | | TOTAL | 3,801 |

STOKE-ON-TRENT CORPORATION ACT, 1928. SECTION 32.

Stopped and Defective Drains .. 384 notices served.

Common Lodging Houses.

There is one Common Lodging House in the City, namely, the Salvation Army Hostel for men at Stoke, which has accommodation for 109 beds.

The premises are conducted in a satisfactory manner, Seventeen inspections were made during the year and no contravention was found.

Marine Stores.

There are four licensed Marine Stores in the City. Eight inspections were made. No contraventions found during the year.

CONVERSION OF PRIVIES AND PAILS TO WATER CLOSETS.

(PUBLIC HEALTH ACT, 1936, SECTION 47).

Further progress has been made during the year with the conversion of privy and pail closets into water flushed closets, particularly in the outlying areas.

PROGRESSIVE SUMMARY OF CONVERSION SCHEMES.

| | Orders Given | Conver- sions completed | Conver- sions in progress | Privies abolished not converted | Not commenced |
|--|-------------------|-------------------------------|---------------------------------|--|------------------|
| Public Works Department .. | 261 | 260 | — | 1 | — |
| Corporation Contracts .. | 171 | 171 | — | — | — |
| Owners Contracts .. | 240 | 203 | 14 | 15 | 8 |
| Orders not yet placed .. | 119 | — | — | — | 119 |
| | 791 | 634 | 14 | 16 | 127 |
| | No. of privies | Conver- sions completed | Conver- sions in progress | Privies abolished not converted | Not commenced |
| Fegg Hayes, Oxford and Chell Green .. | 140 | 140 | — | — | — |
| Ball Green | 116 | 116 | — | — | — |
| Cornhill | 71 | 71 | — | — | — |
| Norton | 42 | 39 | — | 3 | — |
| Milton | 355 | 237 | 3 | 11 | 104 |
| Goldenhill | 34 | 9 | 11 | — | 14 |
| Other Areas | 33 | 22 | — | 2 | 9 |
| | 791 | 634 | 14 | 16 | 127 |

STATEMENT OF COSTS AND NUMBER OF PRIVY CONVERSIONS CARRIED OUT DURING 1949.

| | |
|---------------------------------------|-----------------|
| Number of conversions completed | 229 |
| Total cost of conversions | £6,881 6s. 7d. |
| Recharged to owners | £3,607 10s. 7d. |
| Cost to Corporation | £3,273 16s. 7d. |

Housing Inspections, and Inspections under the Rent and Mortgage Interests (Restrictions) Acts, 1920 to 1939.

HOUSING.

During the year, 37 Demolition Orders and 4 Closing Orders were made and in four cases undertakings were accepted in respect of individual houses unfit for human habitation. 30 Certificates under the Rent Restrictions Acts were issued.

Some further progress has been made in the re-housing of families from confirmed Clearance Areas. 33 families were re-housed during the year and there are still 283 families waiting to be re-housed from Clearance Areas. 42 houses have been demolished and the sites cleared.

252 families have been re-housed by the Corporation to abate statutory overcrowding.

I. INSPECTION.

| | | | |
|----|-----|---|-----|
| 1. | (a) | Total number of dwellinghouses inspected for housing defects (under the Public Health or Housing Acts) .. | 100 |
| | (b) | Number of inspections made for the purpose | 100 |
| 2. | (a) | Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 .. | 53 |
| | (b) | Number of inspections made for the purpose | 53 |
| 3. | | Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | 53 |
| 4. | | Number of dwellinghouses (exclusive of those referred to under the preceeding sub-head) found not to be in all respects reasonably fit for human habitation | 45 |
| 5. | | Number of dwellinghouses found in a fit state .. | 2 |
| 6. | | Number of inspections under Part III of Housing Act 1936 (Clearance Areas) | — |
| 7. | | Number of inspections under Rent Restrictions Act, 1920-1938 | 32 |
| 8. | | Number of inspections under Section 51 | — |

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICE.

| | | | |
|--|--|--|---|
| | | Number of Defective dwellinghouses rendered fit in consequence of informal action taken by the Local Authority or their officers | — |
|--|--|--|---|

3. ACTION UNDER STATUTORY POWERS :—

A. Proceedings under Section 9 of the Housing Act, 1936.

Number of dwellinghouses which were rendered fit :—

| | | |
|-----|--|---|
| (a) | by Owners | — |
| (b) | by Local Authority in default of Owners .. | — |

B. Proceedings under Section 11 and 12 Housing Act, 1936.

| | | |
|-----|--------------------------------|----|
| (a) | Demolition Orders made | 37 |
| (b) | Undertakings accepted | 1 |
| (c) | Closing Orders made | 4 |
| (d) | Informal Undertakings | — |

C. Proceedings under Public Health Acts :—

Number of dwellinghouses in which defects were remedied—

| | |
|--|----|
| (a) by Owners | 52 |
| (b) by Local Authority in default of Owners .. | — |

DEMOLITIONS.

| | <i>In Progress</i> | <i>Demolished</i> |
|-------------------------------------|--------------------|-------------------|
| (a) Clearance Areas | 6 | 14 |
| (b) Compulsory Purchase Areas .. | — | 29 |
| (c) Individual unfits (Informal) .. | 1 | 52 |

| | |
|--|-------|
| Revisits in respect of Statutory Notices served under the Housing Act, 1936, and Public Health Act, 1936 | 1,320 |
| Appointments | 443 |
| Defects remedied | 1,623 |
| Visits in respect of Clearance Areas, etc. | 1,872 |

Clearance and Compulsory Purchase Areas.

Table shewing present position of areas included in the five year programme commenced in 1933 :—

| | <i>Clearance and Compulsory Purchase</i> | <i>Part II</i> | <i>Total</i> |
|--|--|----------------|--------------|
| Total No. of Areas | 162 | — | 162 |
| No. of Houses confirmed by Ministry | 3,773 | 104 | 3,877 |
| Population | 17,131 | 389 | 17,520 |
| Total number of Families | 4,213 | 115 | 4,328 |
| Total number of Families rehoused | 4,046 | 61 | 4,107 |
| Total Houses Demolished | 3,464 | 44 | 3,508 |
| *Total Houses Standing Vacant .. | 114 | 5 | 119 |
| Total No. of Families to be rehoused.. | 214 | 69 | 283 |

*(6 houses in course of demolition).

Demolition Orders (Undertakings) and Closing Orders in Operation.

| | <i>Demolition Orders. (Undertakings)</i> | <i>Closing Orders.</i> |
|--------------------------------|--|----------------------------|
| Tunstall | — | 3 |
| Burslem | 3 | 16 |
| Smallthorne and Chell Heath .. | 5 | — |
| Hanley | 7 | 21 |
| Stoke | 1 | 3 |
| Fenton | 23 | 11 |
| Longton | 13 | 10 |
| | <hr/> 52 | <hr/> 64 |

Rent Restriction Certificates.

| | |
|-------------------------------|----|
| Applications received | 30 |
| Certificates granted | 30 |

Overcrowding Provisions—Housing Act, 1936.

During the year there were 128 complaints of overcrowding and of these 66 were certified as overcrowded in accordance with the provisions of the Housing Act, 1936. 261 families were rehoused by the Corporation to abate overcrowding.

Control of Civil Building.

During the year the free limit for repairs and alterations, etc. of dwelling houses remained at £100.

| | <i>No.</i> | <i>Value</i> £ |
|--|------------|-------------------|
| Licences granted during the year for dwelling-houses | 39 | 7.046 |
| Progressive total of licences issued | 12,240 | 443,659 |

Warnings in respect of unauthorised work were issued in two instances and no legal proceedings were taken.

Smoke Abatement, etc.

Complaints of industrial nuisances (noise, dust and fumes), are still on the increase and these prove to be very difficult to deal with under existing legislation. During the year the Council sponsored a series of lectures to boiler firemen and others on Smoke Abatement and these were held in Burslem, Hanley, Stoke and Longton. Arrangements were also made for the showing of a film on Smoke Abatement. Representatives from 68 firms in the City attended these lectures and following the lectures some very useful work was done in the general discussions of difficulties met with in practice.

During the latter half of the year our activities were somewhat restricted by depletion in staff following the retirement of the Senior Smoke Inspector. The Council after consideration of a special report on Smoke Abatement and Factories Inspection decided to increase the number of staff in this section of the work.

Several prosecutions previously instituted and adjourned during the year were withdrawn on compliance with requests to reconstruct premises and plant.

As requested by the Ministry of Fuel and Power all cases where abatement notices for smoke nuisances are served are referred to their Regional Office for investigation.

Further progress has been made with the installation of electric and gas fired ovens and kilns to replace the intermittent coal-fired type. At the present time there are 89 electrically fired, 186 town gas fired ovens in operation in the City area. A further 16 electrically fired and 19 Gas fired ovens and kilns are contemplated.

Table Shewing Action Taken with Regard to Smoke Abatement and other Nuisances.

| | Potteries | Brick and Tile Works | | Collieries | | Other Premises | | |
|---------------------------------|---------------|----------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|
| Complaints Received | | | | | | | | |
| Smoke | 14 | | 2 | | 1 | | 30 | |
| Grit and Dust | 29 | | — | | — | | 6 | |
| Fumes | 9 | | — | | — | | 6 | |
| Noise and Vibration | 29 | | — | | — | | 19 | |
| Burning Spoil Banks | — | | — | | — | | — | |
| Totals | 81 | | 2 | | 1 | | 61 | |
| | Nui- sance | No Nui- sance | Nui- sance | No Nui- sance | Nui- sance | No Nui- sance | Nui- sance | No Nui- sance |
| Observations for Smoke. | | | | | | | | |
| Boiler Stacks | 115 | 112 | 10 | 21 | 7 | 30 | 18 | 26 |
| Oven Stacks | 32 | 63 | 46 | 110 | — | — | — | — |
| Kiln Stacks | 52 | 46 | 8 | 31 | — | — | 4 | — |
| Other Stacks | 2 | 2 | — | — | — | 1 | 11 | 13 |
| Other Observations. | | | | | | | | |
| For Grit and Dust | 21 | 10 | — | — | 1 | — | — | 2 |
| For Fumes | 2 | 3 | — | — | — | — | 2 | 2 |
| For Noise and Vibration | 19 | 10 | — | — | — | — | 5 | 9 |
| For Burning Spoil Banks | — | — | — | — | 1 | 2 | — | — |
| For Other Purposes | 1 | — | — | — | — | — | — | 1 |
| Totals | 244 | 246 | 64 | 162 | 9 | 33 | 46 | 53 |
| Inspections. | | | | | | | | |
| Of Boilers | 324 | | 17 | | 75 | | 63 | |
| Of Ovens | 128 | | 122 | | — | | 2 | |
| Of Kilns | 318 | | 47 | | — | | 14 | |
| Of Other Installations | 31 | | 3 | | 1 | | 159 | |
| For Grit and Dust | 255 | | — | | — | | 20 | |
| For Fumes | 42 | | — | | — | | 13 | |
| For Noise and Vibration | 146 | | — | | — | | 38 | |
| For Burning Spoil Banks | 1 | | — | | 16 | | — | |
| For Other Purposes | 16 | | 3 | | — | | 4 | |
| Totals | 1255 | | 192 | | 92 | | 313 | |

Table Shewing Action Taken with Regard to Smoke Abatement
and other Nuisances—Continued.

| | Potteries | Brick and Tile Works | Collieries | Other Premises |
|------------------------------------|-----------|----------------------|------------|----------------|
| Interviews. | | | | |
| Owners or Occupiers .. | 796 | 6 | 14 | 274 |
| Managers, Engineers and Firemen .. | 1276 | 118 | 51 | 259 |
| Other Persons | 16 | — | — | 11 |
| Totals | 2088 | 124 | 65 | 544 |
| Warnings Given. | | | | |
| Smoke | 204 | 61 | 8 | 41 |
| Grit and Dust | 11 | — | — | 4 |
| Fumes | 1 | — | — | — |
| Noise and Vibration .. | 5 | — | — | 1 |
| Totals | 221 | 61 | 8 | 46 |
| Preliminary Notices Served. | | | | |
| Smoke | 190 | 59 | 8 | 26 |
| Grit and Dust | 1 | — | — | 2 |
| Fumes | — | — | — | — |
| Noise and Vibration .. | 2 | — | — | — |
| Totals | 193 | 59 | 8 | 28 |
| Statutory Notices Served. | | | | |
| Smoke | 29 | 1 | 3 | 4 |
| Grit and Dust | 5 | — | — | — |
| Fumes | — | — | — | — |
| Noise and Vibration .. | — | — | — | — |
| Totals | 34 | 1 | 3 | 4 |

Repairs, Improvements and Alterations Carried Out.

| | | | |
|----------------------|----|-------------------------------|----|
| Boiler Plant | 15 | Smoke Consumers | — |
| Flues | 33 | Steam Jets | — |
| Chimney Stacks | 4 | Fans | 1 |
| Kiln Furnaces | 2 | Ovens and Kilns Demolished .. | 18 |
| Ventilators | 2 | Grit and Dust Prevention .. | 16 |
| Fuel | 11 | Noise and Vibration | 10 |
| Firing | 22 | Mechanical Stokers | 4 |

Improvements in firing practice following advice to firemen were effected in a large number of cases, but many of these proved to be only of a temporary nature, unless constant supervision is maintained, the firemen drift back to their old practices.

Factory Inspections.

| | Factories (Mech- anical) | | Factories | | Work- places | | Total | |
|----------------------------------|--------------------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
| Visits Paid | 1,996 | | 80 | | 3 | | 2,079 | |
| Defects | Defects found | Defects remedied | Defects found | Defects remedied | Defects found | Defects remedied | Defects found | Defects remedied |
| Want of Cleanliness | — | — | — | — | — | — | — | — |
| Want of Ventilation | — | — | — | — | — | — | — | — |
| Want of Lighting | — | — | — | — | — | — | — | — |
| Overcrowding | — | — | — | 2 | — | — | — | 2 |
| Condition of Floors | — | — | — | — | — | — | — | — |
| Want of Drainage to Floors | — | — | — | — | — | — | — | — |
| Condition of Walls | — | — | 2 | 14 | — | — | 2 | 14 |
| Condition of Ceilings | — | — | 2 | 14 | — | — | 2 | 14 |
| Defects in Drainage | 12 | 20 | — | — | — | — | 12 | 20 |
| Other Nuisances | 4 | 6 | — | 2 | — | — | 4 | 8 |
| Sanitary Accommodation :— | | | | | | | | |
| Insufficient | 71 | 93 | — | 2 | — | — | 71 | 95 |
| Unsuitable or Defective | 512 | 682 | 5 | 15 | — | — | 517 | 697 |
| Not separate for sexes | 5 | 2 | — | — | — | — | 5 | 2 |
| Badly lighted | 192 | 179 | 6 | 1 | — | — | 198 | 180 |
| Badly ventilated | 12 | 22 | — | — | — | — | 12 | 22 |
| Without fasteners to doors | 88 | 104 | — | 3 | — | — | 88 | 107 |
| Dirty Condition | 302 | 458 | 5 | 4 | — | — | 307 | 462 |
| Foul or defective urinals | 57 | 52 | — | — | — | — | 57 | 52 |
| Want of Indicators | 26 | 31 | — | 2 | — | — | 26 | 33 |
| Inadequate Screening | 35 | 29 | — | 1 | — | — | 35 | 30 |
| Directly Communicating | 22 | 42 | — | — | — | — | 22 | 42 |
| TOTAL .. | 1338 | 1720 | 20 | 60 | — | — | 1358 | 1780 |

| | |
|--|----|
| Complaints received from H.M. Inspector .. | 42 |
| Complaints complied with | 37 |
| Complaints in hand | 5 |

Prescribed Particulars on the Administration of the
Factories Act, 1937.
(Form 572).

PART I OF THE ACT.

1. Inspections for purposes of provisions as to health.

| Premises (1) | Number on Register (3) | Number of | | |
|--|---------------------------------|--------------------|---------------------------|--------------------------------|
| | | Inspections (4) | Written Notices (5) | Occupiers Prosecuted (6) |
| (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by the Local Authority .. | 524 | 80 | — | — |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority | 1,310 | 1,996 | 67 | — |
| (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) | — | — | — | — |
| TOTALS .. | 1,834 | 2,076 | 67 | — |

2. CASES IN WHICH DEFECTS WERE FOUND.

| Particulars (1) | <i>Number of cases in which defects were found</i> | | | |
|---|--|-----------------|-----------------------------|-----------------------------|
| | Found (3) | Remedied (4) | Referred | |
| | | | To H.M. Inspector (5) | By H.M. Inspector (6) |
| Want of cleanliness (S.1) | — | — | — | — |
| Overcrowding (S.2) | — | 2 | — | — |
| Unreasonable temperature (S.3) .. | — | — | — | — |
| Inadequate ventilation (S.4) | — | — | — | — |
| Ineffective drainage of floors (S.6) .. | — | — | — | — |
| Sanitary Conveniences (S.7) :— | | | | |
| (a) Insufficient | 71 | 95 | — | 8 |
| (b) Unsuitable or defective | 1,262 | 1,625 | — | 33 |
| (c) Not separate for sexes | 5 | 2 | — | 1 |
| Other offences against the Act (not including offences relating to Outwork) | 20 | 56 | — | — |
| TOTALS .. | 1,358 | 1,780 | — | 42 |

PART VIII OF THE ACT—OUTWORKERS.

Number of Out-Workers' on the August list was 7 (Wearing Apparel). No notices served. No prosecutions made.

Factory Act, 1937, Section 8 (3).

Table of Mechanical and Non-Mechanical factories at present on the register :—

| | | | | | Mechanical | Non-Mechanical |
|----------|----|----|----|----|------------|----------------|
| Tunstall | .. | .. | .. | .. | 131 | 57 |
| Burslem | .. | .. | .. | .. | 249 | 112 |
| Hanley | .. | .. | .. | .. | 430 | 187 |
| Stoke | .. | .. | .. | .. | 158 | 84 |
| Fenton | .. | .. | .. | .. | 125 | 40 |
| Longton | .. | .. | .. | .. | 207 | 44 |
| TOTAL | | | | .. | 1,310 | 524 |

Canal Boat Inspections.

During the year 65 Canal Boats have been inspected, the accommodation provided was for 207½ persons, being an average of 3.2 persons per boat.

The number in occupation was 167 persons, being 54 males, 43 females, and 70 children, or an average of 2.57 per boat.

The percentage of males, females and children were : 32.34 males ; 25.75 females ; 41.91 children.

Of the 70 children found on the Boats, 40 (21 boys and 19 girls) were over 5 years of age, and therefore of school age.

The Registered accommodation on these 65 boats was as follows :—

- 53 boats to carry 3 persons.
- 1 boat to carry 3½ persons.
- 9 boats to carry 4 persons.
- 2 boats to carry 4½ persons.

In 21 instances a pair of Canal Boats were worked by one family (in some cases with assistance).

Infringements of Acts of Regulations.

| | | | | | | |
|-------|-------------------------------------|----|----|----|----|----|
| (a) | Registration | .. | .. | .. | .. | — |
| (b) | Notification of change of Master | .. | .. | .. | .. | — |
| (c) | Certificates | .. | .. | .. | .. | 8 |
| (d) | Marking | .. | .. | .. | .. | — |
| (e) | Overcrowding | .. | .. | .. | .. | — |
| (f) | Separation of sexes | .. | .. | .. | .. | — |
| (g) | Cleanliness | .. | .. | .. | .. | — |
| (h) | Ventilation | .. | .. | .. | .. | — |
| (i) | Painting | .. | .. | .. | .. | 1 |
| (j) | Water Vessel | .. | .. | .. | .. | — |
| (k) | Removal of bilge water | .. | .. | .. | .. | — |
| (l) | Other defects or dilapidations | .. | .. | .. | .. | 1 |
| (m) | Notification of Infectious Diseases | .. | .. | .. | .. | — |
| (n) | Admittance of Inspector | .. | .. | .. | .. | — |
| TOTAL | | | | .. | .. | 10 |

Notices were served in 8 cases for infringements and no legal proceedings were taken under the Acts and Regulations during this period. There were no cases of Infectious Diseases notified.

There are at present on the register 106 Canal Boats known to be working. One Canal Boat was registered by this Authority during the year.

DISINFECTION AND DISINFESTATION SERVICES.

Disinfection.

Table shewing disinfection following infectious disease, etc. :—

| | | | | |
|--|----|----|----|-------|
| No. of Houses disinfected | .. | .. | .. | 542 |
| No. of Rooms disinfected (included in above) | | | | 563 |
| No. of Hospital Wards disinfected | .. | .. | | 68 |
| No. of Schools disinfected | .. | .. | .. | 6 |
| No. of Day Nurseries disinfected | .. | .. | | 1 |
| Total number of Articles of Clothing, etc disinfected | .. | .. | .. | 5,241 |

Disinfestation.

(ERADICATION OF BED BUGS, COCKROACHES, STEAM FLIES, ETC.).

Specially trained operators are engaged in this service and treatments have been successfully carried out by the use of fumigants and D.D.T. compounds in liquid and powder form.

The houses and household effects of new tenants for Council Houses are inspected and where necessary disinfestation of the house, furniture, clothes, etc., is carried out. As an additional precautionary measure, all new Corporation houses are treated with D.D.T. before occupation.

| | | <i>Total No. of visits.</i> |
|---------------------------------|----------|---------------------------------|
| No of Private Houses treated | .. 206 | 224 |
| No. of Council Houses treated | .. 1,114 | 1,713 |
| No. of Factory Premises treated | 46 | 396 |

In addition to the disinfestation of dwellinghouses all Corporation Buildings (Offices, Markets, Town Halls, etc.), and a number of factories bakehouses food premises are under contract for periodic treatment and supervision by the Disinfestation Staff.,

RATS AND MICE DESTRUCTION ACT, 1919.

Rodent Infestation in the City is well under control. Industrial and business premises, many of which are under contract have been periodically inspected and treated.

The following is a summary of the work carried out :—

| | | | | | |
|--|----|----|----|----|--------|
| No. of visits to premises | .. | .. | .. | .. | 15,205 |
| No. of interviews | .. | .. | .. | .. | 487 |
| No. of complaints received | .. | .. | .. | .. | 387 |
| No. of complaints unfounded | .. | .. | .. | .. | 31 |
| No. of premises where rat proofing recommended | .. | | | | 150 |
| No. of premises where rat proofing carried out | .. | | | | 143 |
| Total weight of prebaita laid in ozs. | .. | .. | .. | | 47,714 |
| Total weight of prebaita taken in ozs. | .. | .. | .. | | 14,394 |
| Total weight of poison baita laid in ozs. | .. | .. | .. | | 19,847 |
| Total weight of poison baita taken in ozs. | .. | .. | .. | | 2,671 |
| Estimated kill (Rats and Mice) | .. | .. | .. | | 13,343 |
| No. of Bodies seen (Rats and Mice) | .. | .. | .. | | 4,330 |
| Defective Drains | .. | .. | .. | .. | 30 |
| Drains repaired | .. | .. | .. | .. | 18 |
| Drain test made—29 Positive, 42 Negative. | | | | | |

Sewer Infestations.

During the year, 1,944 sewer manholes have been treated. Test baiting was carried out in 378 manholes, and maintenance treatments—first and second periods, were carried out in 1,566 manholes.

FOOD AND DRUGS ACT, 1938.

The number of samples taken for analysis by the Public Analyst during the year was as follows :—

| Total number of Samples submitted for Analysis | | | | | Result of Analysis | |
|--|--------------------------------------|----|----|----|--------------------|-------------|
| | | | | | Genuine | Non-Genuine |
| 1 | Almonds, Ground | .. | .. | .. | — | 1 |
| 4 | Almonds, Ground Substitute | .. | .. | .. | 3 | 4 |
| 1 | Apple, seived with sugar | .. | .. | .. | — | 1 |
| 1 | Arrowroot | .. | .. | .. | — | 1 |
| 3 | Bacon | .. | .. | .. | 3 | — |
| 2 | Baking Powder | .. | .. | .. | 2 | — |
| 1 | Beetroot, sliced, pickled in Vinegar | .. | .. | .. | 1 | — |
| 1 | Bevmo (Malted Drink) | .. | .. | .. | 1 | — |
| 1 | Blancmange Powder | .. | .. | .. | 1 | — |
| 1 | Brimstone and Treacle | .. | .. | .. | 1 | — |
| 1 | Brisling in Tomato Sauce | .. | .. | .. | 1 | — |
| 3 | Butter | .. | .. | .. | 3 | — |
| 1 | Butter, Peanut | .. | .. | .. | 1 | — |
| 21 | Carried forward | .. | | | 3 | 18 |
| | | | | | 16 | 5 |

| Total number of Samples submitted for Analysis | | | | Result of Analysis | |
|---|--|---|-----|--------------------|-----------------|
| | | | | Genuine | Non- Genuine |
| 21 | Brought forward .. | 3 | 18 | 16 | 5 |
| 1 | Cake Mixture, Unsweetened, Chocolate Flavoured | — | 1 | 1 | — |
| 1 | Càscara Sagrada | — | 1 | 1 | — |
| 1 | Cereal (Pro-Vita Weat Harts) .. | — | 1 | 1 | — |
| 1 | Certo (Pectin Solution) | — | 1 | 1 | — |
| 3 | Cheese | — | 3 | 3 | — |
| 1 | Cherries, Glace | — | 1 | 1 | — |
| 1 | Cinnamon, Ground | — | 1 | 1 | — |
| 3 | Coffee | — | 3 | 3 | — |
| 1 | Colouring, Apple Green (Culinary) .. | — | 1 | 1 | — |
| 1 | Cough Mixture | — | 1 | 1 | — |
| 2 | Crab, Dressed | 1 | 1 | — | 2 |
| 5 | Custard Powder | — | 5 | 5 | — |
| 1 | Custard Flavouring and Colouring .. | — | 1 | 1 | — |
| 1 | Dandelion and Burdock | — | 1 | 1 | — |
| 1 | Dessert Powder, Chocolate | — | 1 | 1 | — |
| 1 | Dessert Powder, Sweetened | — | 1 | 1 | — |
| 1 | Embrocation | — | 1 | 1 | — |
| 1 | Essence, Almond Flavouring | — | 1 | 1 | — |
| 2 | Essence, Coffee and Chicory | — | 2 | 2 | — |
| 1 | Essence, Dandelion Coffee | — | 1 | 1 | — |
| 1 | Extract, Coffee and Chicory | — | 1 | 1 | — |
| 2 | Extract, Coffee and Chicory, Sweetened | — | 2 | 1 | 1 |
| 3 | Fat, Cooking | — | 3 | 3 | — |
| 3 | Fat, Sweetened | — | 3 | 3 | — |
| 2 | Flavouring, Vanilla | — | 2 | 2 | — |
| 1 | Flour, Scone Mixture, Sweetened .. | — | 1 | 1 | — |
| 1 | Fish Cakes, Fried in Edible Oil .. | — | 1 | 1 | — |
| 1 | Flavouring, Blackcurrant, Synthetic | — | 1 | 1 | — |
| 2 | Friars Balsam | — | 2 | 2 | — |
| 1 | Frizets, (Flavoured Self-Raising Flour) | — | 1 | 1 | — |
| 1 | Fruligar, Garlic Cough Cure | — | 1 | 1 | — |
| 1 | Gelatin, Powdered | — | 1 | 1 | — |
| 1 | Gin | 1 | — | 1 | — |
| 1 | Ginger, Ground | — | 1 | 1 | — |
| 1 | Ginger, Preserved | — | 1 | 1 | — |
| 1 | Ginger-Co, Scotch (Ginger Cordial Concentrated) | — | 1 | 1 | — |
| 2 | Glycerin | — | 2 | 2 | — |
| 2 | Glycerin, Lemon and Honey with Ipecacuanha | — | 2 | 2 | — |
| 1 | Golden Raising Powder | — | 1 | 1 | — |
| 1 | Gravy Browning | — | 1 | 1 | — |
| 1 | Honey, Australian | — | 1 | 1 | — |
| 1 | Herbs and Honey | — | 1 | 1 | — |
| 85 | Ice Cream | — | 85 | 85 | — |
| 1 | Iodine, Tincture of | — | 1 | — | 1 |
| 1 | Jam, Apricot, Diabetic | — | 1 | 1 | — |
| 1 | Jam, Apricot, (Imported) | — | 1 | 1 | — |
| 1 | Jam, Apricot | — | 1 | 1 | — |
| 1 | Jam, Plum, Full Fruit Standatd .. | — | 1 | 1 | — |
| 2 | Jam, Raspberry, Full Fruot Standard | — | 2 | 2 | — |
| 2 | Jam, Strawberry, Full Fruit Standard | — | 2 | 2 | — |
| 176 | Carried forward .. | 5 | 171 | 167 | 9 |

| Total number of Samples submitted for Analysis | | | | Result of Analysis | |
|---|--|-----|-----|--------------------|-----------------|
| | | | | Genuine | Non- Genuine |
| 176 | Brought forward .. | 5 | 171 | 167 | 9 |
| I | Jellsett (Dessert Gelatin) .. | — | I | I | — |
| I | Jelmol (Unsweetened Jelly Powder) | — | I | I | — |
| 2 | Jelly, Apple (Full Fruit Standard) .. | I | I | — | 2 |
| I | Jelly, Guava (Preserve) .. | — | I | I | — |
| I | Juice, Apple, Concentrated .. | — | I | I | — |
| I | Juice, Pineapple .. | — | I | I | — |
| I | Juice, Pure Grape .. | — | I | I | — |
| I | Juice, Tomato Cocktail .. | — | I | I | — |
| I | Kaolin Poultice .. | — | I | I | — |
| I | Lemonade .. | — | I | I | — |
| I | Lemonade, Crystals .. | — | I | I | — |
| I | Lozenges, Sucrets .. | — | I | I | — |
| I | Linctus, Cherry .. | — | I | I | — |
| I | Malt Extract and Cod Liver Oil .. | — | I | — | I |
| I | Marmalade, Grape Fruit (Imported) .. | — | I | I | — |
| I | Marmalade, Full Fruit Standard .. | — | I | I | — |
| I | Marmalade, Orange, Full Fruit Standard .. | — | I | I | — |
| I | Marmalade, Orange (Imported) .. | — | I | I | — |
| 3 | Margarine, Special .. | — | 3 | 3 | — |
| I | Melvet (Sauce Powder) .. | — | I | I | — |
| I | Mayonnaise .. | — | I | I | — |
| 337 | Milk .. | 184 | 153 | 310 | 27 |
| 2 | Milk, Heat Treated .. | — | 2 | 2 | — |
| 32 | Milk, Pasteurised .. | 32 | — | 32 | — |
| 114 | Milk, Processed .. | 114 | — | 113 | I |
| 125 | Milk, Sterilised .. | 125 | — | 121 | 4 |
| 2 | Milk, Tuberculin Tested, Certified .. | 2 | — | 2 | — |
| 15 | Milk, Tuberculin Tested, Pasteurised .. | 15 | — | 15 | — |
| I | Milk, Tuberculin Tested .. | I | — | I | — |
| I | Milk, Condensed, Full Cream, Sweetened .. | — | I | I | — |
| I | Milk, Condensed, Machine Skimmed, Sweetened .. | — | I | I | — |
| I | Milk, Malted .. | — | I | I | — |
| I | Milk, National Dried .. | — | I | — | I |
| I | Mint, Dried .. | — | I | I | — |
| I | Nutmegs, Ground .. | — | I | I | — |
| I | Oil, Edible .. | — | I | — | I |
| 4 | Oil, Olive .. | — | 4 | 4 | — |
| I | Oil, Tea Seed .. | — | I | I | — |
| I | Onion, Powder, Dehydrated .. | — | I | I | — |
| I | Ointment, Chilblain .. | — | I | I | — |
| I | Ointment, Melrose Tablet .. | — | I | I | — |
| I | Opsal (Liquid Paraffin and Cream of Magnesia) .. | — | I | I | — |
| 4 | Paraffin, Liquid .. | — | 4 | 4 | — |
| 2 | Parrish's Chemical Food .. | — | 2 | 2 | — |
| I | Paste, Brisling, Spiced .. | — | I | — | I |
| I | Paste, Crab .. | — | I | — | I |
| I | Paste, Meat .. | — | I | I | — |
| I | Paste, Meat (Beef and Tomato and other Meat) .. | — | I | I | — |
| I | Paste, Tomato .. | — | I | I | — |
| I | Paste, Veal and Ham Sandwich .. | — | I | I | — |
| I | Pastilles, Compound Blackcurrant with Glycerin .. | — | I | I | — |
| 857 | Carried forward .. | 479 | 378 | 809 | 48 |

| Total number of Samples submitted for Analysis | | | | | Result of Analysis | |
|---|---|-----|-----|-----|--------------------|-----------------|
| | | | | | Genuine | Non- Genuine |
| 857 | Brought forward .. | 479 | 378 | 809 | 48 | |
| 1 | Pastry Mixture | — | 1 | 1 | — | |
| 2 | Peas, Processed | — | 2 | 2 | — | |
| 1 | Pepper, Black | — | 1 | 1 | — | |
| 1 | Pepper, White | — | 1 | 1 | — | |
| 1 | Piccalilli | — | 1 | 1 | — | |
| 1 | Pickle, Red Cabbage | — | 1 | 1 | — | |
| 1 | Pickle, Sweet | — | 1 | 1 | — | |
| 1 | Plums, Golden, in Syrup (Tinned) .. | — | 1 | 1 | — | |
| 1 | Port, Tawny | 1 | — | 1 | — | |
| 2 | Potato Crisps | — | 2 | 2 | — | |
| 1 | Pudding, Marmalade | — | 1 | 1 | — | |
| 1 | Pudding, Milk, Full Cream | — | 1 | 1 | — | |
| 1 | Puddings, Mixed Fruit | — | 1 | 1 | — | |
| 1 | Pudding Mixture, Barley, (Strawberry Flavoured) | — | 1 | 1 | — | |
| 1 | Pudding Mixture, Sponge, including Custard Powder | — | 1 | 1 | — | |
| 1 | Pudding, Sweet Date | — | 1 | 1 | — | |
| 1 | Pudding Powder, Coconut Flavoured .. | — | 1 | 1 | — | |
| 1 | Quoffy | — | 1 | 1 | — | |
| 1 | Relish, Sweet Mustard | — | 1 | 1 | — | |
| 1 | Rhubarb | — | 1 | 1 | — | |
| 2 | Salad Cream | — | 2 | 2 | — | |
| 1 | Salts, Epsom | — | 1 | 1 | — | |
| 1 | Salts, Fizzing Health | — | 1 | — | 1 | |
| 1 | Salts, Glauber | — | 1 | — | 1 | |
| 2 | Sandwich Spread | — | 2 | 2 | — | |
| 1 | Sandwich Spread, Meat | — | 1 | 1 | — | |
| 1 | Sauce | — | 1 | 1 | — | |
| 1 | Sauce, Apple | — | 1 | 1 | — | |
| 1 | Sauce, Fruit | — | 1 | 1 | — | |
| 1 | Sauce, Horseradish | — | 1 | 1 | — | |
| 1 | Sauce, Mint | — | 1 | 1 | — | |
| 2 | Sauce, Tomato | — | 2 | 2 | — | |
| 19 | Sausages, Beef | 19 | — | 14 | 5 | |
| 1 | Semolina | — | 1 | 1 | — | |
| 1 | Sherry, British | 1 | — | 1 | — | |
| 1 | Sild in Tomato Sauce | — | 1 | 1 | — | |
| 1 | Soup, Mock Turtle | — | 1 | 1 | — | |
| 1 | Soup, Tomato, Cream of | — | 1 | 1 | — | |
| 1 | Soylina, (Semolina, Soya Flour, Flavouring and Colouring) .. | — | 1 | 1 | — | |
| 1 | Spaghetti in Tomato Sauce with Cheese | — | 1 | 1 | — | |
| 1 | Spice, Pickling, Mixed | — | 1 | 1 | — | |
| 2 | Sponge Mixture, Sugar Sweetened .. | — | 2 | 2 | — | |
| 1 | Spread, Chocolate | — | 1 | 1 | — | |
| 1 | Spread, Sunny | — | 1 | 1 | — | |
| 1 | Spread, Sweet Currant Sugar .. | — | 1 | — | 1 | |
| 1 | Stuffing, Sage and Onion with Shredded Suet | — | 1 | 1 | — | |
| 1 | Stuffing, Sage and Onion | — | 1 | 1 | — | |
| 1 | Sweets, Fruit Mixture | — | 1 | 1 | — | |
| 3 | Sugar | — | 3 | 3 | — | |
| 1 | Syrup of Figs, Compound | — | 1 | 1 | — | |
| 1 | Tablets, Aspirin | — | 1 | 1 | — | |
| 1 | Tablets, Benzac | — | 1 | 1 | — | |
| 935 | Carried forward .. | 500 | 435 | 879 | 56 | |

| Total number of Samples submitted for Analysis | | | | Formal | Informal | Result of Analysis | |
|---|-------------------------------------|---|---|--------|----------|--------------------|-----------------|
| | | | | | | Genuine | Non- Genuine |
| 935 | Brought forward .. | | | 500 | 435 | 879 | 56 |
| 1 | Tablets, Milk of Magnesia | — | 1 | 1 | — | | |
| 1 | Tablets, Saccharin | — | 1 | 1 | — | | |
| 1 | Tablets, Stomach (Dr. Maclean's) .. | — | 1 | 1 | — | | |
| 2 | Tablets, Sulphur, Lime Flavoured .. | — | 2 | 1 | 1 | | |
| 3 | Tea | — | 3 | 3 | — | | |
| 1 | Tea, Blackcurrant | — | 1 | 1 | — | | |
| 1 | Tomato, Puree | — | 1 | 1 | — | | |
| 1 | Tonic, Seville | — | 1 | 1 | — | | |
| 1 | Vinecta, Tonic Wine (Non-Alcoholic) | — | 1 | 1 | — | | |
| 1 | Vinegar, Artificial, Raspberry .. | — | 1 | 1 | — | | |
| 6 | Vinegar, Malt | 5 | 1 | 6 | — | | |
| 2 | Vinegar, Raspberry | — | 2 | 2 | — | | |
| 1 | Vinegar, Raspberry and Olive Oil . | — | 1 | 1 | — | | |
| 1 | Whale Meat Steak Casserole | — | 1 | 1 | — | | |
| 1 | Wine, Cocktail, British | 1 | — | 1 | — | | |
| 1 | Wine, Ruby, Port Style | 1 | — | 1 | — | | |
| 1 | Zett (for Jam Making) | — | 1 | 1 | — | | |
| 961 | TOTAL | | | 507 | 454 | 904 | 57 |

| | | | | |
|-------------------------------|-----|----|----|-----|
| Formal Samples | .. | .. | .. | 507 |
| Informal Samples | .. | .. | .. | 454 |
| Number of Samples Genuine | ... | .. | .. | 904 |
| Number of Samples Non-Genuine | .. | .. | .. | 57 |

The average standard of fat in the milk samples passed as genuine were as follows :—

Quarter Ending—

| | | | | |
|----------------------|----|----|----|-------|
| 31st March, 1949 | .. | .. | .. | 3.55% |
| 30th June, 1949 | .. | .. | .. | 3.48% |
| 30th September, 1949 | .. | .. | .. | 3.62% |
| 30th December, 1949 | .. | .. | .. | 3.80% |

The Sale of Milk Regulations, 1939, fixes a minimum presumptive fat standard of 3.0%.

Eighteen samples of milk were low in solids-not-fat, due to natural causes.

PRESERVATIVES IN MILK, BUTTER, MARGARINE, JAM, ETC.

No preservatives were found in milk, jam (6), sausages (19), butter (3), custard powder (5), coffee and chicory extract and essence (3), sugar (3), marmalade (3), salad cream (2), preserved ginger, sandwich spreads, tonic wine, dandelion and burdock, lemonade, chocolate dessert powder, pure grape juice, tomato juice cocktail, arrowroot, glace cherries, ground ginger, blancmange powder, tawny port, sauces.

Preservatives in permissible quantities were found in :—

- 3 samples of Bacon from 32 to 86 parts per million Sodium Nitrate.
- 1 sample of “Certo” 130 parts per million Sulphur Dioxide.
- 2 samples of Coffee and Chicory extract 230, and 325 parts per million of Benzoic Acid respectively.
- 1 sample of Concentrated Apple Juice 295 parts per million Sulphur Dioxide.
- 1 sample of Raspberry Jam 44 parts per million Sulphur Dioxide.
- 4 Samples of Ice Cream contained a trace of Boric Acid.
- 3 samples of Margarine 0.15% to 0.25% of Boric Acid.
- 1 sample of Black Currant Tea 244 parts per million Sulphur Dioxide.
- 1 sample of “Jelmol” 224 parts per million of Sulphur Dioxide.
- 1 sample of British Sherry 80 parts per million Sulphur Dioxide.
- 1 sample of Ruby Wine (Port Style) 60 parts per million Sulphur Dioxide.
- 1 sample of Orange Marmalade 16 parts per million Sulphur Dioxide.

Proceedings under the Act were instituted as follows :—

| Date Purchased | | | Result | | Fines | | | Costs | | | | |
|-------------------|----|---|--------|-----------|-------|-----|----|-------|-----|----|----|---|
| | | | | | £ | s. | d. | £ | s. | d. | | |
| 17-1-49 | .. | Selling new milk containing at least 35.9% added water. | .. | Convicted | .. | 20 | 0 | 0 | .. | 4 | 2 | 0 |
| 9-2-49 | .. | Selling Ground Almond Substitute 73.6% deficient in oil. | .. | Convicted | .. | 1 | 0 | 0 | .. | 4 | 8 | 0 |
| 17-6-49 | .. | Selling Beef Sausages 33.6% deficient of its proper proportion of meat. | .. | Convicted | .. | 5 | 0 | 0 | .. | 3 | 2 | 0 |
| 17-6-49 | .. | Selling Beef Sausage 22.8% deficient of its proper proportion of meat. | .. | Convicted | .. | 5 | 0 | 0 | .. | 3 | 2 | 0 |
| 14-10-49 | .. | Selling Beef Sausages 14.2% deficient of its proper proportion of meat. | .. | Convicted | .. | 10 | 0 | 0 | .. | 3 | 2 | 0 |
| 14-10-49 | .. | Selling Beef Sausages 26.2% deficient of its proper proportion of meat. | .. | Convicted | .. | 12 | 0 | 0 | .. | 3 | 2 | 0 |
| 14-11-49 | .. | Selling Substitute Ground Almonds 77.4% deficient of oil. | .. | Convicted | .. | 1 | 0 | 0 | .. | 1 | 11 | 0 |
| TOTAL | | | | | .. | £54 | 0 | 0 | £22 | 9 | 0 | |

In addition proceedings were instituted as under for offences contrary to the Defence (Sale of Food) Regulations, 1943, and, the Food Substitutes (Control) Order, 1941.

| Date Purchased | | Result | Fines | | | Costs. | | | | | |
|----------------|----|---|-------|-----------|----|--------|----|----|----|----|------|
| | | | £ | s. | d. | £ | s. | d. | | | |
| 9-2-49 | .. | Selling a Food Substitute in unlabelled container (Ground Almond Substitute). | .. | Convicted | .. | 1 | 0 | 0 | .. | 4 | 0 |
| 9-2-49 | .. | Selling Dressed Crab which contained 76.4% of Crab Meat instead of 98.0% as described on label. | .. | Convicted | .. | 5 | 0 | 0 | .. | 4 | 18 0 |
| 14-11-49 | .. | Selling a Food Substitute in unlabelled container (Substitute Ground Almonds) | .. | Convicted | .. | 1 | 0 | 0 | .. | 1 | 11 0 |
| TOTAL | | | .. | £7 | 0 | 0 | £6 | | | 13 | 0 |

Details of Non-Genuine Samples where proceedings were not instituted :—

| No. of Sample | Article | Date | Remarks. |
|---------------|---------------------------|------------|---|
| 10A .. | Edible Oil | .. 22-1-49 | .. Mineral Oil. Sample submitted from local fish fryer at his request. Stock not used. Returned to manufacturer. Informal sample. |
| 11A .. | Ground Almond Substitute. | .. 22-1-49 | .. 72.6% deficient of oil. Informal sample. Formal sample taken—proved non-genuine. Proceedings instituted and seller convicted. |
| 15A .. | Dressed Crab | .. 22-1-49 | .. Contained only 77.0% crab meat instead of 98.0% as claimed on label. Informal sample. Formal sample taken and proceedings instituted. Defendant convicted. |
| 30A .. | New Milk | .. 15-2-49 | .. 5.7% deficient in fat. |
| 35A .. | New Milk | .. 15-2-49 | .. 5.7% deficient in fat. |
| 38A .. | New Milk | .. 15-2-49 | .. 5.0% deficient in fat. 1.9% deficient in solids not fat. Nine samples taken. Composite fat content 3.26%. No action. Informal samples. |
| 39A .. | New Milk | .. 15-2-49 | .. 7.3% deficient in fat. Informal sample taken from tanker for suspected added water. No action. |
| 110 .. | New Milk | .. 22-2-49 | .. Contained 1.8% added water. |
| 111 .. | New Milk | .. 22-2-49 | .. Contained 2.8% added water. |
| 112 .. | New Milk | .. 22-2-49 | .. Contained 1.8% added water. |
| 113 .. | New Milk | .. 22-2-49 | .. Contained 2.8% added water. Letter of warning to farmer re residual water in vessels. |

| No. of Sample | Article | Date | Remarks |
|---------------|---------------------------------------|------------|--|
| 42A .. | Essence of Coffee and Chicory Sugared | .. 5-3-49 | .. 8.0% deficient of caffeine. Informal sample. Letter sent to manufacturers |
| 50A .. | Ground Almonds | .. 12-3-49 | .. Contained 46.6% sucrose together with nut structures other than almond. Informal sample. Unable to follow up, stocks exhausted. |
| 133 .. | New Milk | .. 21-3-49 | .. 3.0% deficient in fat. 1.9% deficient in solids not fat. Caution sent to retailer. |
| 52A .. | New Milk | .. 28-3-49 | .. 3.3% deficient in fat. 0.7% deficient in solids not fat. |
| 54A .. | New Milk | .. 28-3-49 | .. 8.3% deficient in fat. 1.5% deficient in solids not fat. Informal samples. Four churns sampled. Composite fat content 3.08%. Letter to farmer re distribution of strippings. |
| 56A .. | New Milk | .. 28-3-49 | .. 11.8% deficient in fat and 1.2% deficient in solids not fat. Informal sample. Four churns sampled. Composite fat content 3.26%. Letter to farmer re proper distribution of strip-pings. |
| 62A .. | New Milk | .. 28-3-49 | .. 10.7% deficient in fat. Three churns sampled. Composite fat content 3.55%. No action. |
| 78A .. | New Milk | .. 4-4-49 | .. 10.7% deficient in fat. Informal sample Four churns sampled. Composite fat 3.38%. Letter sent to farmer re proper distribution of strippings in each churn. |
| 159 .. | New Milk | .. 11-4-49 | .. 9.0% deficient in fat, 2.4% deficient in solids not fat. Warning to retailer re plunging of milk. Repeat samples genuine. |
| 162 .. | Sterilised Milk | .. 12-4-49 | .. Contained 5.0% added water. Letters of warning to retailer and producer. |
| 164 .. | Sterilised Milk | .. 12-4-49 | .. Contained 3.7% added water. Letters of warning to retailer and producer. |
| 113A .. | Tincture of Iodine B.P. | .. 13-5-49 | .. Apparently deficient in Potassium Iodide but sample too small to enable this to be confirmed. Informal sample. Insufficient in stock for formal sample. |
| 159A .. | Fizzing Health Salts. | .. 28-5-49 | .. Over 90% deficient in bicarbonate of soda. Retailer interviewed. Old stock withdrawn from sale immediately. |
| 199 .. | New Milk | .. 30-5-49 | .. 5.0% deficient in fat. Six churns sampled. Composite fat 3.73%. No action. |

| No. of Sample | Article | Date | Remarks |
|---------------|-----------------------------------|------------|---|
| 230 | .. New Milk | .. 14-6-49 | .. 8.3% deficient in fat. |
| 231 | .. New Milk | .. 14-6-49 | .. 12.3% deficient in fat. |
| 234 | .. New Milk | .. 14-6-49 | .. 10.0% deficient in fat. Eight churns sampled. Composite fat 3.11%. Letter to farmer re distribution of strippings. |
| 195A | .. New Milk | .. 21-6-49 | .. 11.7% deficient in fat. |
| 197A | .. New Milk | .. 21-6-49 | .. 8.3% deficient in fat. |
| 199A | .. New Milk | .. 21-6-49 | .. 4.3% deficient in fat. Seven churns sampled. Composite fat 3.04%. Informal samples. Producer interviewed and letter sent re distribution of strippings and times of milking. |
| 207A | .. Currant Sugar Sweet Spread | .. 24-6-49 | .. Contained 295 parts per million Sulphur Dioxide. Informal sample. Unable to follow up. Stocks exhausted. Letter to manufacturer. |
| 249 | .. New Milk | .. 27-6-49 | .. 3.3% deficient in fat. Farmer interviewed and caution given re plunging of milk. Two samples taken, one genuine. |
| 246A | .. Malt Extract and Cod Liver Oil | .. 15-7-49 | .. Informal sample. Oil—4.8% w/w. While this sample does not claim to be of B.P. quality, the only recognised article of this nature is the B.P. preparation. On the suggestion of the Public Analyst, the Pharmaceutical Society were communicated with on the matter, and a letter sent to the manufacturers. |
| 295A | .. Lime Flavoured Sulphur Tablets | .. 6-8-49 | .. Contained no free Tartaric Acid. Informal sample. Letter sent to manufacturers. Reply from liquidators—"Firm in voluntary liquidation. Ceased Trading, 28th March, 1949." Local retailer interviewed. Stocks exhausted. |
| 298A | .. Crab Paste | .. 6-8-49 | .. 41.0% deficient of Crab Meat, containing 41.3% instead of 70.0%. Referred to Ministry of Food who have taken the matter up with the importers. |
| 331A | .. New Milk | .. 30-8-49 | .. 0.5% added water. |
| 333A | .. New Milk | .. 30-8-49 | .. 0.8% added water. |
| 334A | .. New Milk | .. 30-8-49 | .. 2.3% deficient in fat and 1.3% deficient in solids not fat. Informal samples. Six churns sampled. Composite fat 3.3%. Letter of warning to farmer re residual water in vessels, etc. |
| 348A | .. Spiced Brisling Paste. | .. 3-9-49 | .. Contains only 35.0% of fish as against 70.0% required in the home-produced article. Referred to Ministry of Food who have taken the matter up with the importers. |

| No. of Sample | Article | Date | Remarks. |
|---------------|---------------------------------|-------------|---|
| 329 .. | Sterilised Milk | .. 3-9-49 | .. 10% deficient in fat. Letter of warning to dairy sterilising the milk. |
| 342 .. | New Milk | .. 12-9-49 | .. 6.7% deficient in fat. Warning to retailer re plunging of milk during sale. |
| 440 .. | Sterilised Milk | .. 1-11-49 | .. 26.7% deficient in fat. Letters of warning sent to wholesale dairy and retail dairy. Repeat samples genuine. |
| 457 .. | Ground Almond Substitute | .. 15-11-49 | .. 49.6% deficient in fat. Sold as "Ground Almond Substitute," in error by shop assistant. Communicated with Ministry of Food regarding wholesaler. Further sample to be taken under proper designation if obtainable. Present stocks exhausted. |
| 436A .. | Apple Jelly Full Fruit Standard | .. 17-11-49 | .. Contained 335 parts per million w/w. Benzoic Acid. Informal sample, see report below on sample No. 507, formal sample of same product. |
| 443A .. | Glauber's Salts | .. 25-11-49 | .. Contains the equivalent of 226% of Glauber's Salt. Should be described as exsiccated Glauber's Salt. Letter to manufacturer. Old stock in retailers premises. Withdrawn from sale. |
| 507 .. | Apple Jelly Full Fruit Standard | .. 14-12-49 | .. Contained 366 parts per million w/w. Benzoic Acid. Letter of warning to manufacturer, who stated that this preservative was present in the imported materials, a fact of which he was unaware. All stocks withdrawn from sale and a constant check to be kept on all imported ingredients. |
| 510 .. | Beef Sausages | .. 14-12-49 | .. 9.2% deficient of meat. Letter of warning sent to manufacturers. |
| 450A .. | National Dried Milk | .. 15-12-49 | .. Contained a few dark coloured fragments which consist of charred milk solids. Letter sent to Ministry of Food. |

Registration of Wholesale Margarine Dealers.

Two new registrations were granted for carrying on the business of Wholesale Margarine Dealers.

Rag Flock Act, 1911.

No samples of rag flock were submitted for analysis during the past twelve months. This commodity is in very short supply.

Fertilisers and Feeding Stuffs Act, 1926.

Three samples were submitted for analysis as follows :—

.Bone Meal.

National Growmore Fertiliser.

Nitrate of Soda.

All were satisfactory.

Stoke-on-Trent Corporation Act, 1935, Section 68. and Food and Drugs Act, 1938, Section 13.

Eight hundred and seventy-five visits were made in connection with the supervision and registration of Ice Cream Premises.

Two hundred and fifteen matters requiring attention were abated and one hundred and eighty-nine reported.

Ninety-one samples of Ice Cream were submitted for Bacteriological examination with results as follows :—

| | | | | | <i>Samples.</i> |
|---------------------|----|----|----|----|-----------------|
| Provisional Grade 1 | .. | .. | .. | .. | 31 |
| Provisional Grade 2 | .. | .. | .. | .. | 17 |
| Provisional Grade 3 | .. | .. | .. | .. | 14 |
| Provisional Grade 4 | .. | .. | .. | .. | 29 |

Food and Drugs Act, 1938. (Milk Suppliers). ..

All milk samples taken for bacteriological and biological tests were submitted to the Public Health Laboratory Service (Medical Research Council) Stafford.

Samples of milk were submitted for bacteriological tests with results as follows :—

ORDINARY RAW MILK—155.

93 Samples passed the Methylene Blue Test.

62 Samples failed to pass the Methylene Blue Test.

47 Samples showed no coliform organisms in 1/10th M.L.

36 Samples showed coliform organisms in 1/10th M.L.

25 Samples showed coliform organisms in 1/100th M.L.

36 Samples showed coliform organisms in 1/1000th M.L.

Eleven samples were not examined for coliform organisms.

PROCESSED MILK—25.

- 18 Samples passed the Methylene Blue Test.
- 7 Samples failed to pass the Methylene Blue Test.
- 25 Samples passed the Phosphatase Test.
- 25 Samples passed the Phenolphthalein Test.

STERILIZED MILK—15.

All samples passed the prescribed tests.

143 samples of ordinary raw milk were examined for the presence of tubercle bacilli, with results as follows :—

| <i>Negative.</i> | <i>Positive.</i> | <i>Per Cent. affected.</i> |
|------------------|------------------|--------------------------------|
| 141 | 2 | 1.4% |

Brucella abortus was found in three samples of milk submitted, two from farms within the City, and one from a farm in the County area. The State Veterinary Service were notified in each case.

Milk (Special Designations) Regulations, 1936-1946.

The Milk (Special Designation))Raw Milk) Regulations, 1949.

**The Milk (Special Designation) (Pasteurised and Sterilized Milk)
Regulations, 1949.**

180 Samples of Grade Milk were submitted for bacteriological tests as follows :—

ACCREDITED MILK—42.

- 20 Samples showed no coliform organisms in 1/100th M.L. 3 tubes.
- 5 samples showed coliform organisms in 1/100th M.L. 1 tube.
- 3 Samples showed coliform organisms in 1/100th M.L. 2 tubes.
- 14 Samples showed coliform organisms in 1/100th M.L. 3 tubes.
- 28 Samples passed the Methylene Blue Test.
- 14 Samples failed to pass the Methylene Blue Test.

TUBERCULIN TESTED—16.

- 9 Samples showed no coliform organisms in 1/100th M.L. 3 tubes.
- 2 Samples showed coliform organisms in 1/100th M.L. 1 tube.
- 1 Sample showed coliform organisms in 1/100th M.L. 2 tubes.
- 4 Samples showed coliform organisms in 1/100th M.L. 3 tubes.
- 13 Samples passed the Methylene Blue Test.
- 3 Samples failed to pass the Methylene Blue Test.

TUBERCULIN TESTED CERTIFIED—3.

- 1 Sample showed no coliform organisms in 1/100th M.L. 3 tubes.
- 2 Samples showed coliform organisms in 1/100th M.L. 3 tubes.
- 3 Samples passed the Methylene Blue Test.

HIGH TEMPERATURE SHORT TIME PASTEURISED—65.

- 64 Samples passed the Methylene Blue Test.
- 1 Sample failed to pass the Methylene Blue Test.
- 64 Samples passed the Phosphatase Test.
- 1 Sample failed to pass the Phosphatase Test.
- 64 Samples passed the Phenolphthalein Test.
- 1 Sample failed to pass the Phenolphthalein Test.

PASTURISED HOLDER—14.

- 13 Samples passed the Methylene Blue Test.
- 1 Sample failed to pass the Methylene Blue Test.
- 14 Samples passed the Phosphatase Test.
- 14 Samples passed the Phenolphthalein Test.

TUBERCULIN TESTED PASTEURISED—33.

- 31 Samples passed the Methylene Blue Test.
- 2 Samples failed to pass the Methylene Blue Test.
- 33 Samples passed the Phosphatase Test.
- 33 Samples passed the Phenolphthalein Test.

STERILISED—7.

All 7 samples passed the Turbidity Test.

53 of the Designated Milks were also submitted for biological tests with results as follows :—

ACCREDITED MILK—44.

| <i>Negative.</i> | <i>Positive.</i> | <i>Per Cent. Affected.</i> |
|------------------|------------------|--------------------------------|
| 43 | 1 | 2.27% |

TUBERCULIN TESTED—I.

| <i>Negative.</i> | <i>Positive.</i> | <i>Per Cent. Affected.</i> |
|------------------|------------------|--------------------------------|
| 1 | Nil. | Nil. |

TUBERCULIN TESTED CERTIFIED—3.

| <i>Negative.</i> | <i>Positive.</i> | <i>Per Cent. Affected.</i> |
|------------------|------------------|--------------------------------|
| 3 | Nil. | Nil. |

HIGH TEMPERATURE SHORT TIME PASTEURISED—3.

| <i>Negative.</i> | <i>Positive.</i> | <i>Per Cent. Affected.</i> |
|------------------|------------------|--------------------------------|
| 3 | Nil. | Nil. |

TUBERCULIN TESTED PASTEURISED—2.

| <i>Negative.</i> | <i>Positive.</i> | <i>Per Cent. Affected.</i> |
|------------------|------------------|--------------------------------|
| 2 | Nil. | Nil. |

Percentage of Designated Milk affected, 1.89%.

Percentage of all Milks affected, 1.53%.

Milk and Dairies Orders, 1926.

Milk and Dairies Regulations, 1949.

139 visits were made to cowsheds and 583 to dairies in connection with sampling, inspections, alterations, repairs, etc.

The coming into operation of the Milk and Dairies Regulations, 1949, has caused certain improvements to be made at most dairies.

Public Swimming Baths.

38 samples of Public Swimming Baths water were taken for bacteriological examination with results as follows :—

35 Samples, Satisfactory.

3 Samples, unsatisfactory.

Special Duties.

734 visits were made to premises for appointments, interviews and investigations.

FOOD INSPECTION.

Report on the inspection of meat and other Foods, and the supervision of premises where food is prepared, stored or sold.

Meat Inspection.

ANIMALS SLAUGHTERED AND INSPECTED IN THE CITY—

| | <i>Bulls.</i> | <i>Steers.</i> | <i>Cows.</i> | <i>Heifers</i> | <i>Calves.</i> | <i>Sheep.</i> | <i>Pigs.</i> | <i>Total.</i> |
|------------|---------------|----------------|--------------|----------------|----------------|---------------|--------------|---------------|
| 1949 | 661 | 3,626 | 7,743 | 5,059 | 17,284 | 66,406 | 11,062 | 111,841 |
| 1948 | 598 | 3,714 | 6,268 | 5,410 | 16,418 | 49,289 | 5,072 | 86,769 |

ANIMALS SLAUGHTERED OUTSIDE THE CITY BUT SUBMITTED FOR INSPECTION AT THE PUBLIC ABATTOIR—

Carcases and organs of—

| | <i>Bulls.</i> | <i>Steers.</i> | <i>Cows.</i> | <i>Heifers.</i> | <i>Calves.</i> | <i>Sheep.</i> | <i>Pigs.</i> | <i>Total.</i> |
|------------|---------------|----------------|--------------|-----------------|----------------|---------------|--------------|---------------|
| 1949 | 3 | 16 | 37 | 14 | 1 | 81 | 137 | 289 |
| 1948 | 3 | 21 | 65 | 51 | 1 | 333 | 47 | 521 |

Livestock (Restrictions on Slaughtering) Order, 1940.

Under the Government Scheme for the control and distribution of meat all slaughtering of cattle continues to be carried out on behalf of the Ministry of Food at the Corporation Abattoir, Hanley, and at the Keele Street Slaughterhouse, Tunstall. In addition, two private licensed slaughterhouses are used for the slaughter of pigs for bacon production. This concentration of slaughtering makes it possible for adequate inspection to be carried out and all carcases and offals are inspected at the time of slaughter.

During the year, 955 pigs were slaughtered under licence on private premises by producers for their own use.

Tuberculosis Order, 1938.

During the year, 18 cows dealt with under the provisions of the above Order were slaughtered at the Corporation Abattoir. 15 were found to be affected with advanced tuberculosis and 3 were found to be affected with non-advanced T.B. and in these cases the affected parts and organs were condemned.

Congenital Tuberculosis in Calves.

During the year 81 calves under three weeks old slaughtered at the Corporation Abattoir were found to be affected with congenital tuberculosis. 50 cases were notified to the Ministry of Agriculture and Fisheries (Animal Health Division) for follow-up enquiries respecting the dams of the infected calves.

As a result of these enquiries the Ministry reports that in 24 cases the dams have been traced and found to be positive reactors and have been slaughtered under the provisions of the Tuberculosis Order, 1938.

Slaughter of Animals Act, 1933.

HUMANE SLAUGHTERING—

The stunning of animals is carried out by means of electrically operated instruments or captive bolt pistols.

SLAUGHTERMAN'S LICENCES—

Section 3 of the Act requires the licensing of slaughtermen by the Local Authority and only fit and proper persons who have attained the age of 18 years are permitted to hold such a licence.

| | | | |
|----------------------------------|----|----|------|
| New Licences granted during 1949 | .. | .. | 7 |
| Licences revoked during 1949 | .. | .. | Nil. |

Total number of licences in operation at 31st December, 1949—130.

Number of Whole and Part Carcasses Condemned.

| | <i>Bulls.</i> | <i>Steers.</i> | <i>Cows.</i> | <i>Heifers.</i> | <i>Calves.</i> | <i>Sheep.</i> | <i>Pigs.</i> | <i>Total.</i> |
|-----------------|---------------|----------------|--------------|-----------------|----------------|---------------|--------------|---------------|
| Tuberculosis— | | | | | | | | |
| Whole | 11 | 12 | 267 | 35 | 96 | — | 37 | 458 |
| Part | 17 | 31 | 311 | 65 | — | — | 672 | 1,096 |
| Other Diseases— | | | | | | | | |
| Whole | 5 | 5 | 62 | 8 | 842 | 129 | 35 | 1,086 |
| Part | 7 | 79 | 152 | 142 | 13 | 69 | 69 | 531 |

Total Number of Whole and Part Carcasses Condemned.

| | <i>Whole.</i> | <i>Part.</i> |
|------|---------------|--------------|
| 1949 | .. 1,524 | 1,627 |
| 1948 | .. 1,063 | 857 |

Weight of Meat and Offal Condemned.

| | | 1949. | | | 1948. | | |
|---------------|-------|--------------|--------------|-------------|--------------|--------------|-------------|
| | | <i>Tons.</i> | <i>Cwts.</i> | <i>Qrs.</i> | <i>Tons.</i> | <i>Cwts.</i> | <i>Qrs.</i> |
| Home Killed : | Meat | .. | .. | 3 | 103 | 9 | 2 |
| | Offal | .. | .. | 27 | 162 | 4 | 0 |
| Imported : | Meat | .. | 1 | 0 | 2 | 16 | 1 |
| | Offal | .. | — | 0 | — | 5 | 0 |
| TOTALS | | .. | 347 | 2 | 268 | 15 | 2 |
| | | | | 21 | | | 0 |

CASUALTY ANIMALS FROM FARM PREMISES—

| Number dealt with in the City | | | | | | | | | | 1949 | 1948 | | | |
|-------------------------------|--------|---------|-------|----------|---------|--------|-------|--------|-------|-------|------|------|---|----|
| | | | | | | | | | | 514 | 275 | | | |
| | Bulls. | Steers. | Cows. | Heifers. | Calves. | Sheep. | Pigs. | Total. | | | | | | |
| 1949 | .. | 5 | 105 | 12 | 53 | 73 | 255 | .. | 514 | | | | | |
| 1948 | .. | 11 | 101 | 13 | 28 | 32 | 77 | .. | 275 | | | | | |
| | | | | | | | | | | 1948. | | | | |
| | | | No. | Tons. | Cwts. | Qrs. | lbs. | No. | Tons. | Cwts. | Qrs. | lbs. | | |
| Whole carcasses condemned | .. | .. | 127 | 14 | 4 | 3 | 23 | 76 | 8 | 13 | 7 | 16 | | |
| Part carcasses condemned | .. | .. | 63 | — | 15 | 0 | 17 | 56 | 0 | 16 | 0 | 20 | | |
| Offals condemned | .. | .. | — | 5 | 13 | 2 | 12 | — | 4 | 11 | 0 | 11 | | |
| | | | | | | | | | | 132 | 14 | 2 | 0 | 19 |

85

UNGRADED AND OTHER CATTLE FROM MINISTRY OF FOOD COLLECTING CENTRES SLAUGHTERED AT OWNERS RISK—

| Number dealt with in the City | | | | | | | | | | 1949 | 1948 | | | |
|-------------------------------|---------------|----------------|--------------|-----------------|----------------|---------------|--------------|---------------|--------------|--------------|-------------|-------------|---|----|
| | | | | | | | | | | 750 | 311 | | | |
| | <i>Bulls.</i> | <i>Steers.</i> | <i>Cows.</i> | <i>Heifers.</i> | <i>Calves.</i> | <i>Sheep.</i> | <i>Pigs.</i> | <i>Total.</i> | | | | | | |
| 1949 | .. | 2 | 285 | 12 | 137 | 21 | 272 | .. | 750 | | | | | |
| 1948 | .. | Nil. | 102 | 12 | 154 | 19 | Nil. | .. | 311 | | | | | |
| | | | | | | | | | | 1948. | | | | |
| | | | <i>No.</i> | <i>Tons.</i> | <i>Cwts.</i> | <i>Qrs.</i> | <i>lbs.</i> | <i>No.</i> | <i>Tons.</i> | <i>Cwts.</i> | <i>Qrs.</i> | <i>lbs.</i> | | |
| Whole carcasses condemned | .. | .. | 108 | 13 | 4 | 1 | 22 | 71 | 7 | 13 | 0 | 25 | | |
| Part carcasses condemned | .. | .. | 37 | — | 10 | 0 | 21 | 12 | — | 4 | 2 | 9 | | |
| Offals condemned | .. | .. | — | 7 | 16 | 1 | 2 | — | 3 | 19 | 2 | 8 | | |
| TOTALS | | | | | | | | | | 83 | 11 | 17 | 1 | 13 |

INCIDENCE OF DISEASE OTHER THAN TUBERCULOSIS IN FOOD ANIMALS WHICH NECESSITATED THE CONFISCATION OF THE WHOLE OF THE CARCASE AND ORGANS.

| | <i>Bulls.</i> | <i>Steers.</i> | <i>Cows.</i> | <i>Heifers.</i> | <i>Calves.</i> | <i>Sheep.</i> | <i>Pigs.</i> |
|---|---------------|----------------|--------------|-----------------|----------------|---------------|--------------|
| Anaemia | — | — | 1 | — | 5 | 6 | — |
| Bruising, general | — | — | — | — | 8 | — | 3 |
| Cysticercus Bovis (generalized) | — | 1 | 3 | 2 | — | — | — |
| Dropsy, general | — | 2 | 17 | 1 | 1 | 24 | 3 |
| Decomposition, general | — | — | — | — | — | 1 | — |
| Emaciation, general | — | — | 2 | — | 26 | 12 | 2 |
| Erysipelas, acute swine | — | — | — | — | — | — | 4 |
| Fever (acute) | — | — | 12 | — | 3 | 2 | 6 |
| Immaturity | — | — | — | — | 718 | — | — |
| Jaundice | — | — | 1 | — | 5 | 1 | — |
| Lymphadenitis, caseous | — | — | — | — | — | — | — |
| Malignant neoplasms | 1 | — | 1 | — | — | — | — |
| Mammitis, acute septic | — | — | 2 | — | — | — | — |
| Melanosis (generalized) | — | — | — | 1 | 3 | — | — |
| Metritis acute septic | — | — | 3 | — | — | — | — |
| Moribund | — | 1 | 1 | 2 | 28 | 38 | — |
| Pericarditis, septic | — | 1 | 2 | — | — | — | — |
| Pneumonia, Gangrenous | — | — | 1 | — | 8 | 10 | 2 |
| Pyæmia | 3 | — | 2 | 1 | 11 | 30 | 4 |
| Septicaemia, or septic intoxication | — | — | 6 | 1 | 1 | 5 | 11 |
| Umbilical pyæmia | — | — | — | — | 25 | — | — |
| Uraemia | 1 | — | 8 | — | — | — | — |
| TOTALS | 5 | 5 | 62 | 8 | 842 | 129 | 35 |

**CARCASES INSPECTED AND NUMBER CONFISCATED EITHER WHOLLY OR IN PART
ON ACCOUNT OF DISEASE.**

| | <i>Bulls.</i> | <i>Steers.</i> | <i>Cows.</i> | <i>Heifers.</i> | <i>Total.</i> | <i>Cattle.</i> | <i>Sheep.</i> | <i>Pigs.</i> |
|---------------------------|---------------|----------------|--------------|-----------------|---------------|----------------|---------------|--------------|
| Animals inspected | 664 | 3,642 | 7,780 | 5,073 | 17,159 | 17,159 | 66,487 | 11,199 |

TUBERCULOSIS—

| | | | | | | | | |
|--|--------|-------|--------|--------|--------|------|------|-------|
| Whole carcasses | 11 | 12 | 267 | 35 | 325 | 96 | — | 37 |
| Parts and Organs | 273 | 313 | 3,508 | 815 | 4,909 | — | — | 897 |
| Percentage affected with Tuberculosis .. | 42.77% | 8.92% | 48.52% | 16.95% | 30.50% | .55% | Nil% | 8.34% |

OTHER DISEASE—

| | | | | | | | | |
|--|--------|--------|--------|--------|--------|-------|--------|-------|
| Whole Carcasses | 5 | 5 | 62 | 8 | 80 | 842 | 129 | 35 |
| Part and Organs | 140 | 1,403 | 2,084 | 1,678 | 5,305 | 29 | 11,355 | 1,055 |
| Percentage affected with other diseases .. | 21.84% | 41.41% | 27.72% | 33.23% | 31.32% | 5.04% | 17.27% | 9.73% |

Other Foods Condemned.

| | | | | | | <i>Tons.</i> | <i>Cwts.</i> | <i>Qrs.</i> | <i>lbs.</i> |
|------------------------------|----|----|----|----|----|--------------|--------------|-------------|-------------|
| Canned Meat | .. | .. | .. | .. | .. | 2 | 3 | 1 | 15 |
| Canned Fruits | .. | .. | .. | .. | .. | 2 | 15 | — | 19 |
| Canned Milk | .. | .. | .. | .. | .. | 1 | 7 | 1 | 23 |
| Canned Fish | .. | .. | .. | .. | .. | — | 5 | 3 | 3 |
| Canned Vegetables | .. | .. | .. | .. | .. | 1 | 16 | 1 | 10 |
| Canned Soups | .. | .. | .. | .. | .. | — | 4 | 1 | 9 |
| Preserves | .. | .. | .. | .. | .. | — | 5 | — | 24 |
| Bacon | .. | .. | .. | .. | .. | — | 15 | 2 | — |
| Butter, Margarine and Cheese | .. | .. | .. | .. | .. | — | 9 | 1 | 10 |
| Provisions | .. | .. | .. | .. | .. | — | 4 | 2 | 1 |
| Cereals | .. | .. | .. | .. | .. | 1 | 8 | 1 | 6 |
| Dried Fruit | .. | .. | .. | .. | .. | — | 1 | 1 | 10 |
| Vegetables | .. | .. | .. | .. | .. | — | 16 | 3 | — |
| Wet Fish | .. | .. | .. | .. | .. | 2 | 19 | 2 | 3 |
| Dried Fish | .. | .. | .. | .. | .. | — | — | — | — |
| Shell Fish | .. | .. | .. | .. | .. | — | — | 1 | 2 |
| Confectionery | .. | .. | .. | .. | .. | — | 9 | 2 | 25 |
| Poultry | .. | .. | .. | .. | .. | — | — | 1 | 22 |
| Flour | .. | .. | .. | .. | .. | — | — | — | — |
| Miscellaneous | .. | .. | .. | .. | .. | 1 | 13 | 3 | 9 |
| Rabbits | .. | .. | .. | .. | .. | — | 5 | 1 | 4 |
| Ice Cream | .. | .. | .. | .. | .. | — | 1 | 1 | 15 |
| Pigs Feet | .. | .. | .. | .. | .. | — | 3 | 2 | 8 |
| Cooked Meats | .. | .. | .. | .. | .. | — | 3 | 1 | 24 |
| TOTALS | | | | | | 18 | 10 | 3 | 18 |

PUBLIC HEALTH ACT, 1936.

Offensive Trades.

| | | |
|---|----|----|
| Number of premises on the register, 31st December, 1949 | .. | 26 |
| Number of premises on the register, 31st December, 1948 | .. | 20 |

List of Classification of Registered Trades.

| | | | | | | | |
|----------------------------|----|----|----|----|----|----|----------------|
| Knackers' Yards | .. | .. | .. | .. | .. | .. | — |
| Tripe Boilers | .. | .. | .. | .. | .. | .. | 19 |
| Gut Scrapers | .. | .. | .. | .. | .. | .. | 4 |
| Fat Melters and Extractors | | | .. | .. | .. | .. | 1 |
| Hide and Skin Yards | .. | .. | .. | .. | .. | .. | 2 |
| | | | | | | | <hr/> 26 <hr/> |

The premises in all cases are maintained in compliance with the provisions of the bye-laws applicable to each particular trade.

INSPECTION OF PROPOSED NEW FOOD PREMISES.

| | | | | | | 1949 | 1948 |
|---|----|----|----|----|----|-------|-------|
| Cafes and Restaurants | .. | .. | .. | .. | .. | 13 | 9 |
| Snack Bars | .. | .. | .. | .. | .. | 49 | 51 |
| Club Kitchens and Guest Houses | | | .. | .. | .. | 37 | — |
| Greengrocery Shops | .. | .. | .. | .. | .. | 2 | 6 |
| Grocery Shops | .. | .. | .. | .. | .. | 24 | 24 |
| Butchery Shops | .. | .. | .. | .. | .. | — | 3 |
| Fried Fish Shops | .. | .. | .. | .. | .. | 16 | 23 |
| Fishmongers Premises | .. | .. | .. | .. | .. | — | — |
| Bakehouse and Oatcake Bakeries | | | .. | .. | .. | 23 | 8 |
| Hawkers Storage Places | .. | .. | .. | .. | .. | — | 1 |
| Mobile Food Premises | .. | .. | .. | .. | .. | 5 | 3 |
| Sugar Confectionery Premises | .. | .. | .. | .. | .. | 17 | 13 |
| Poultry and Rabbit premises | .. | .. | .. | .. | .. | — | 18 |
| Licensed premises (Food Preparation) | .. | .. | .. | .. | .. | 38 | 19 |
| School Meals and School Feeding Centres | | | .. | .. | .. | 14 | 24 |
| Food Preparing Premises | .. | .. | .. | .. | .. | 1 | — |
| Cooked Meat Shops | .. | .. | .. | .. | .. | 1 | 4 |
| Industrial Canteens | .. | .. | .. | .. | .. | 41 | 5 |
| Pig Slaughterhouses | .. | .. | .. | .. | .. | 2 | — |
| Bacon Curing Premises | .. | .. | .. | .. | .. | 1 | — |
| Church Halls (Catering) | .. | .. | .. | .. | .. | 28 | — |
| | | | | | | <hr/> | <hr/> |
| TOTALS | .. | .. | .. | .. | .. | 312 | 211 |
| | | | | | | <hr/> | <hr/> |

INSPECTIONS OF, AND VISITS TO FOOD PREMISES.

| | |
|---|-------|
| Ministry of Food Killing Centres | 2,689 |
| Public Markets | 658 |
| Butchers and Cooked Meat (Preparation Room) .. | 261 |
| Industrial and School Canteens | 416 |
| Butchers Shops | 344 |
| Food Warehouses | 220 |
| Cafe and Civic Restaurant Kitchens | 347 |
| Fried Fish Shops | 756 |
| Bakehouses | 125 |
| Milk and Snack Bars | 198 |
| Offensive Trades (Tripe Boiling, Gut Scraping, etc). .. | 69 |
| Fishmongers Shops | 236 |
| Grocers | 432 |
| Oatcake Bakeries | 57 |
| Confectionery Shops | 38 |
| Hospitals and Institutions (Food Supplies) | Nil. |
| Licensed premises (Hotels, etc.) | 15 |
| Greengrocers | 54 |
| Cold Stores | 23 |
| Miscellaneous | 420 |
| Potato Crisp Factory | 15 |
| Mineral Waters | 2 |
| Mobile F.F.S. | 5 |
| Dog Meat Shops | 6 |
| Sweet Factory | 1 |
| Poultry Dressing Premises | 1 |
| | 7,388 |

PROSECUTIONS, 1949.

| Description. | Fines. | Costs. |
|---|---------|---------|
| MEAT. | £ s. d. | £ s. d. |
| Possession of food intended for but unfit for human consumption (two summonses) | 20 0 0 | 4 4 0 |
| Proper cleanliness not observed by a person employed and refuse allowed to accumulate | 4 0 0 | 2 2 0 |
| | £24 0 0 | £6 6 0 |

FOOD HYGIENE.

During the year under review, particular attention has been paid to food hygiene and a scheme was introduced whereby free washing facilities at selected public conveniences in the City were made available to out-door food handlers, e.g., bread roundsmen, milk purveyors, hawkers (fish, fruit, etc.,) butchers, delivery van-men, etc., who, unlike their counterparts in the shop or cafe kitchen had no facilities for personal cleanliness.

So far, 249 permits have been issued entitling the holders to the use of hot water, soap and a personal towel free of charge.

The scheme is still under trial, and from time to time a check will be made in conjunction with the City Surveyor's Department to ascertain to what extent the facilities are being used.

The provision of these free facilities is undoubtedly a progressive step from a public health point of view and has been received with appreciation both from employers and employees alike.

TRAVELLING EXHIBITION.

Some Facts about "Food and Drink Infections."

In conjunction with the Central Council for Health Education the above exhibition, loaned from the Council, together with a stall prepared by the Department, visited various Town Halls, Hospitals and Stores in the City during May and June. The exhibition was staffed by personnel from the Health Department, who were able to answer many questions on health matters from the large numbers of people who visited it during the period. Literature obtained from the Central Council for Health Education was distributed free of charge, and a valuable contribution was made to the education of the people in food hygiene.

WATER SUPPLY.

The water supply of the City is provided by the Staffordshire Potteries Water Board, and is mainly obtained from the wells and boreholes sunk in the New Red Sandstone rocks. A small quantity is obtained from springs issuing from the Millstone Grit.

The supply is a constant one, and practically all the houses within the City have a piped supply for domestic purposes. Only a few persons draw water from standpipes. Water is supplied also for the trade purposes of the district.

The water is not plumbo solvent. Chloramine treatment is applied to the whole of the water supply.

During the year ended 31st December, 1949, the Board submitted

335 samples of water as supplied to the district for bacteriological examination and were reported on as being “very satisfactory, clear and bright in appearance and of the highest standard of bacterial purity indicative of pure and wholesome water suitable for the purpose of public supply.” Of the total number of samples taken 100 per cent. gave negative results when tested for Bacteria Coli and the 93 per cent. gave negative results from the Clostridia Welchi Reaction.

The total rainfall during the year 1949 was 27.02 inches, this being considerably below the average. Of the past eight years only three years (1944, 1946 and 1948) had a yearly rainfall above the average, consequently the yields from the wells and boreholes are still below normal. The use of water continues to increase, some of which no doubt is legitimate, but there is every reason to think that much of the increase is due to waste from pipes and fittings, repairs to which have been neglected during the war years. It is also partly due to the indifference on the part of many consumers. The margin between the total water available from the sources and the consumption is now too small for safety.

The Water Board proceeded with the construction of the new source of supply in Cheshire and good progress, in spite of difficulties in obtaining materials, was made on the laying of the large trunk main, the Bignall Hill Reservoir, the Coopers Green Reservoir, and the sinking of permanent boreholes, included in stages 1 and 2 of the scheme.

Other substantial additions to the water resources of the Board are in course of construction. The new Shaffalong Works near Cheddleton was brought into commission during the year and contributed very much to the safety of the supply to the district during the almost rainless summer.

REGISTER OF RAINFALL IN 1949 KEPT AT THE MEIR, LONGTON.

(By the courtesy of Mr. C. V. Brown)

| | | | <i>Total Depth (ins.)</i> | <i>No. of days on which .01 inch or more fell</i> |
|-----------|----|----|-------------------------------|---|
| January | .. | .. | 1.78 | 13 |
| February | .. | .. | 0.97 | 9 |
| March | .. | .. | 2.25 | 13 |
| April | .. | .. | 2.79 | 14 |
| May | .. | .. | 2.59 | 14 |
| June | .. | .. | 0.68 | 7 |
| July | .. | .. | 1.43 | 8 |
| August | .. | .. | 2.56 | 9 |
| September | .. | .. | 0.52 | 6 |
| October | .. | .. | 4.41 | 17 |
| November | .. | .. | 4.09 | 20 |
| December | .. | .. | 2.95 | 15 |
| TOTALS | | | 27.02 | 145 |

In 1948 the total rainfall was 37.12 inches.

J. G.  Ltd.

THE CITY PRESS
STOKE-ON-TRENT
TELEPHONE 4665